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Final-Report

DEVELOPMENT OF AIR FORCE FLIGHT SAFETY MODELS

Volume 4

A-7D

AIRCRAFT

October 1975

Prepared for

SERVICE ENGINEERING DIVISION
SAN ANTONIO AIR LOGISTICS CENTER
Kelly Air Force Base, Texas

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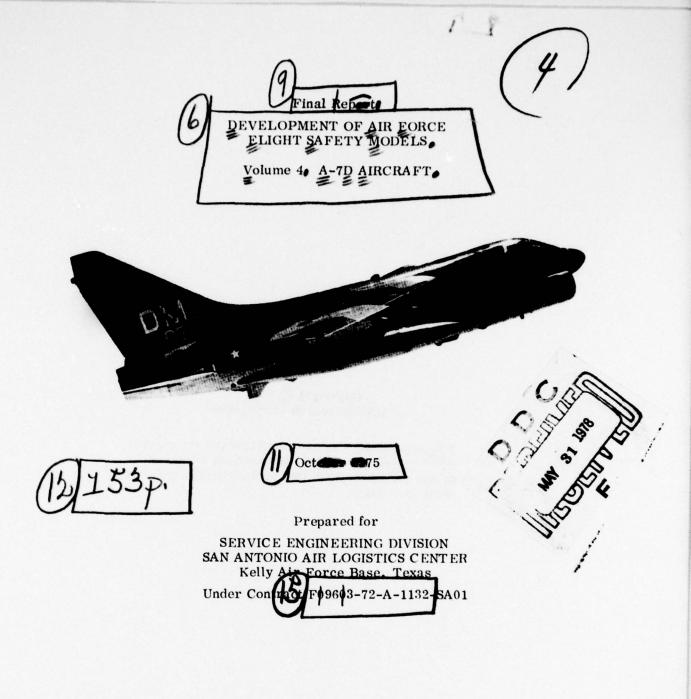
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ABSTRACT

A general description of the Flight Safety
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GLOSSARY

This glossary presents general definitions of terms used in this report. The reader will find certain of these terms defined in somewhat different words in the text, depending on the context of the discussion; but the meaning will be consistent with the definitions given here.

Criticality	 A numerical index of the significance of equipment failure history relative to aircraft safety. As an analysis parameter, it can be considered proportional to the likelihood that
	an item will fail and thereby cause an accident. It is the product of the failure probability and the sensitivity of an equipment item.

Dependency	-	See link dependency.

FSPT	- Flight Safety Prediction Technique
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Flight Phases	- Discrete segments of the aircraft mission profile. For
	present purposes, the flight phases are defined as 1) startup
	and taxi, 2) takeoff, 3) climb, 4) cruise, 5) tactics,
	6) cruise, 7) descend, 8) land, and 9) taxi and shutdown.

Functional Analysis	- The determination of equipment relationships to aircraft functions performed, and the interrelationships of these
	functions.

Functional Link	- The simplest form of functional relationship in which one
	function is dependent upon the next lower function.

Functional Path	- The compilation of functional links, in sequence, through
	which a function is identified as being dependent upon another.

Link Dependency	- The conditional probability of a dependent function failing,
	given that a particular function it is dependent upon has failed.

Provisory Condition	- Operation of an aircraft in a mode or environment such that
	the safety-related importance of certain equipments is
	increased. Provisory conditions include icing, night flight,
	supersonic flight, etc.

Provisory Factor	- The probability that a provisory condition exists. Also used
	to describe the coded notation used to indicate that a functional
	relationship is dependent on a particular provisory condition.

Safety Sensitivity - Same as "sensitivity".

Sensitivity

 A quantitative indication of the degree of safety degradation to be expected if a function or piece of equipment fails. The more specific terms are "functional sensitivity" or "equipment item sensitivity".

Sensitivity Path

 A particular sequence of functional dependencies (beginning at the top level in the hierarchical structure) through which a function or piece of equipment derives a sensitivity value. Equipment and functional sensitivity values are often derived through several such sensitivity paths.

FOREWORD

This document is part of a 16-volume report describing the application to specific aircraft types of ARINC Research Corporation's Flight Safety Prediction Technique (FSPT). The technique was developed under previous Air Force contracts (see Appendix A). The present effort, undertaken in 1972 under Contract F09603-72-A-1132-SA01, has led to further refinement of the FSPT through its broad application to many different types of aircraft. The flight safety models generated for these aircraft are presented in individual volumes of this report as follows:

Volume	Aircraft	Volume	Aircraft
2	T-38	10	B-52G, H
3	F-111A, FB-111A	11	C-130E
4	A-7D	12	KC-135
5	F-4D, E; and RF-4C	13	C-5A
6	C-141	14	T-39
7	A-37	15	F-15
8	O-2	16	UH-1N Helicopter
9	OV-10		

Volume 16 will document the results of a feasibility study of extending the FSPT to rotary-wing aircraft.

Volume 1, an overall summary of the contractual effort, will be issued at the end of the contract period.

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The Flight Safety Prediction Technique developed by ARINC Research Corporation provides for assessment of the impact on flight safety of the failure of specific items of equipment within an aircraft. In the FSPT, mathematical modeling procedures are applied for processing aircraft-equipment failure data to yield a quantified index ranking safety-related problems on the basis of their likelihood of occurrence and the resulting degradation in the aircraft's capability to fly.

The ranking factor is called "criticality", which in its simplest form is the product of the failure probability and flight-safety sensitivity of an equipment. (A more detailed definition appears in Section 2 and Appendix B.) The failure probability inputs are from basic failure-data sources, AFM 66-1 and 65-110. The sensitivity estimates are derived by the following process:

- a. Systematic analysis of aircraft functions to determine those essential to flight safety
- b. Identification of the hardware required to perform these functions
- c. Evaluation of the safety significance of the hardware in performing these essential aircraft functions.

The criticality values resulting from this approach provide a relative ranking of all malfunctions with respect to their safety significance. Figure 1-1 is a simplified example of how three equipment items would be ranked on the combined basis of their failure probability and safety sensitivity. This figure illustrates an example in which item A has the highest failure probability, but due to the low sensitivity value is ranked below item B in criticality.

The methodology has the ability to rank malfunction problems currently and continuously by their accident potential. This ranking, based on criticality assessment, can provide the basic parameters necessary for:

- a. Identifying equipment items whose failure history and application pose a threat to aircraft safety
- b. Quantifying the degree of threat associated with each equipment item
- c. Evaluating and tracking the effectiveness of modifications to the aircraft
- d. Assessing safety benefits versus the cost of proposed aircraft modifications, changes in maintenance or flight operations, or alternative aircraft designs.

In this report, Section 4 and Appendix D pertain specifically to the A-7D aircraft. The remainder of the document provides support information that will make the A-7D data, and the method by which the data were obtained, more meaningful to the general reader.

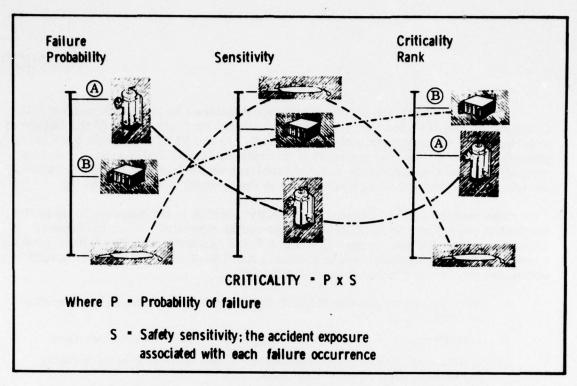


Figure 1-1. Example of Criticality Ranking Process

Section 2 presents an overview of the development and utilization of the Flight Safety Prediction Technique; Section 3 discusses the steps associated with generating a safety model for calculating the safety criticality of various equipments of an aircraft; and Section 4 describes how the safety model for the A-7D aircraft was developed. Appendix A summarizes the contractual history of the development of the FSPT; Appendix B discusses mathematical considerations underlying the technique; Appendix C discusses FSPT documentation methods; and Appendix D presents functional relationship diagrams and a listing of keypunch cards that comprise the safety model documentation for the A-7D aircraft.

This section discusses the basic definitions and mathematical concepts associated with the Flight Safety Prediction Technique.

2.1 DEFINITION OF SAFE AIRCRAFT

To develop a relative measure of aircraft safety degradation resulting from specific equipment malfunctions, it is first necessary to define a "safe" aircraft. For purposes of the FSPT assessments, an aircraft is assumed to be in a safe condition if it is operating within its prescribed performance limits. Conversely, an aircraft operating (or about to operate) outside these limits is considered to be unsafe — in a condition where property damage and personal injury may result.

The safety prediction methodology does not attempt to assess the extent of possible personal injury or aircraft damage resulting from an unsafe condition. Neither does the concept consider ejection capability, parachutes, life rafts, etc., which do not make an aircraft safer per se but provide for the survivability of the aircrew when the aircraft is unsafe. Collision is also excluded from consideration because of the complexity of the interrelationships between pilot, aircraft equipment, ground surveillance, and traffic density.

2.2 MATHEMATICAL BASIS OF FSPT

The probability of an accident caused by the failure of an element can be expressed as the probability of the element failing multiplied by the conditional probability that the failure of the element will cause an accident. Stated in equation form:

$$P(A,j) = P(j)P(A|j)$$
 (1)

where

P(A,j) = Probability of an accident due to failure of just the jth element*

P(j) = Probability that element j fails

P(A|j) = Probability of an accident given that the jth element fails.

This equation reflects the basic relationships addressed in the FSPT where:

- a. The criticality of the jth element is an estimate of P(A, j)
- b. The sensitivity of the jth element is an estimate of P(A|j)

^{*}In this and subsequent discussions, unless otherwise stated, expressions such as "failure of the jth element" should be interpreted to mean: failure of only the jth element, assuming all other elements are not failed.

Because an element's effect on safety may depend on the mission phase (see Section 3.2.1), the above model can be expanded to:

$$P(A,j) = \sum_{k=1}^{N} P_{j,k} P(A|j,k)$$
 (2)

where

N = Number of mission phases

P_{i k} = Probability that the jth element is failed in the kth phase

 $P(A|j,k) = The j^{th}$ element's sensitivity in the k^{th} phase.

To identify the importance of discrete elements to aircraft safety, a flight profile consisting of nine distinct phases was defined. The phases are discussed in Section 3.2.1.

To utilize equation 2, it was necessary to develop a method for obtaining the values of P(A | j, k), the probability that a malfunction in element j during mission phase k will result in an accident. This method in turn requires the estimation of two parameters: the probability of accident if a major function is not available during each mission phase, and the dependence of the major function on subfunctions and elements during each such phase*. Each function and equipment item thus derives its sensitivity value from its relationship to the major function(s) dependent upon it.

2.3 SENSITIVITY ASSIGNMENTS

A great deal of information is available on the causes of aircraft accidents, but little exists from which to make the sensitivity assignments [P(A|j)]. These assignments are therefore largely subjective, based on the analyst's knowledge of the system and any information he may have on previous accident history. The sensitivity assignments are reviewed (and revised as necessary) by an Air Force/contractor team working on a particular model to ensure that consistent criteria have been followed. The team review and negotiation of sensitivity assignments is the mechanism by which the value becomes sufficiently objective for use with the model. This negotiation considers all of those top level functions as a group and reassigns sensitivity values as necessary to assure that the most objective proportionality is attained for the particular aircraft model. The same major-function sensitivity values are used for major functions on all aircraft models where configuration and mission profiles permit.

The development of criticality rankings for the various elements (j's) is dependent upon the ability to quantify the failure probability [P(j)] and the element sensitivity [P(A|j)] for each element. Since the intent of the concept is to provide a relative safety ranking of all malfunctions, it is not necessary to develop absolute

^{*}For a more detailed discussion of the mathematics of the FSPT, see Appendix B.

values for P(A|j). If the sensitivity values developed are correct relative to each other, a proper criticality ranking will be established. It is intended that criticality be an index proportional to P(A,j) and therefore provide the same relative rank ordering of elements. The major reasons for proportionality, rather than equality, are:

- a. The FSPT does not account for the effect of extraordinary pilot intervention to prevent an accident in case of equipment malfunction.
- b. Criticality quantification was limited in its treatment of simultaneous occurrence of independent, primary failures.
- c. Operational and malfunction data yield only a proportional estimate of the required information.

While strict proportionality cannot be mathematically proven, it is believed that the criticality rankings provide reasonable relative measures of equipment problem potential.

Figure 3-1 summarizes the approach to the assessment of flight-safety criticality of aircraft equipment. The first contractor activity is the identification of all functions the aircraft is expected to perform and the determination of their interrelationships. Next, each functional relationship is documented; and then sensitivity assignments are made at the major functional levels (below these levels, link dependency values are estimated; see discussion, Section 3.2.2). This process is carried out until each work unit code associated with a major function has been identified with respect to the function performed and dependencies have been estimated. Computer processing calculates the safety sensitivity for each work unit coded item, combines these values with the operation and failure data input by the Air Force, and produces the equipment criticality ranking.

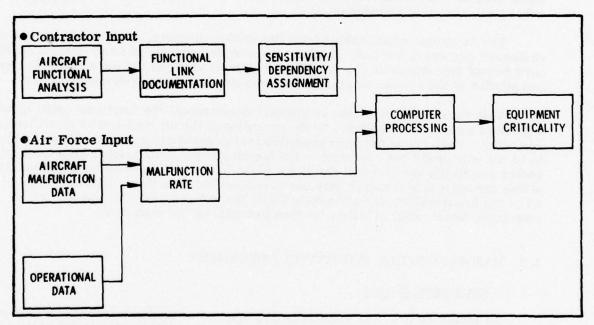


Figure 3-1. Activities and Data Inputs to Flight Safety Criticality Assessment

The steps in this process are discussed in greater detail in the following sections.

3.1 FUNCTIONAL ANALYSIS

Functional analysis entails the systematic identification of the relationships of hardware to the functions performed by the aircraft and documented in the aircraft technical orders. Tabulated for each aircraft function are the equipments necessary for its performance as well as all outputs required for other systems. The complexity of the functional interdependencies of an aircraft requires the use of a systematic

accounting procedure, as discussed below, to assure that all relationships have been identified and that no functional paths have been overlooked.

Certain top-level functions (comprised of both "primary" and "major" functions) have been defined as applicable to all aircraft types, and serve as the starting point for a safety analysis. Figure 3-2 lists these top level functions with the primary function of Flight Control expanded to show its typical major functions. Below the major function level, differences in aircraft types result in function identification and structuring specifically suited to each aircraft. In Figure 3-2, for instance, the major function Roll Control is subdivided into Left Roll and Right Roll, and further into aileron and spoiler actuation subfunctions. This structure is that applicable to an F-4 aircraft, in which ailerons have an extremely limited upward travel and lift is primarily lost through spoiler operation. Finally, each item in the aircraft WUC ("-06") manual is identified with respect to the function it performs.*

Every function and every WUC included in the model receives an "alpha designator" unique to that aircraft model. Due to the large number of alpha designators required in a model, an indenturing system is utilized to prevent duplication. However, the location in the hierarchal structure and the number of characters in the alpha designators are often independent, since such correlation is not necessary for subsequent computer processing.

The functional relationships from the system diagram, and identification of the equipment necessary for each function, are next documented in an 80-column punch-card format (see Appendix C). The total functional diagram for the aircraft is then a compilation of the system diagrams, with one punchcard for each functional link.

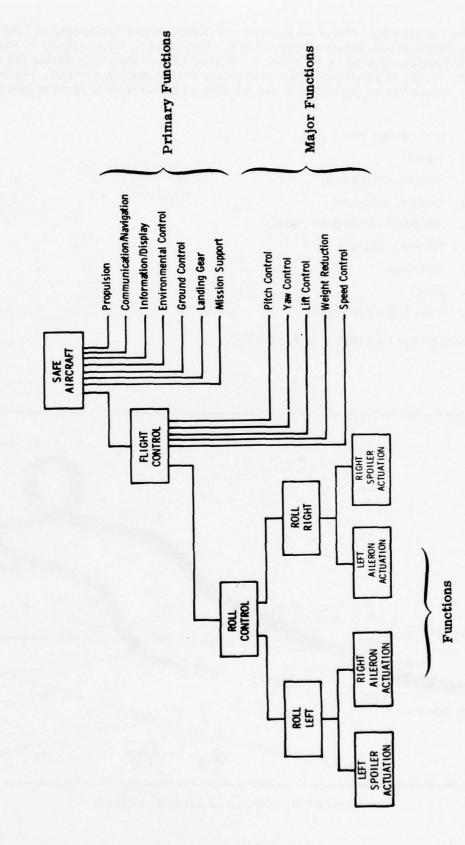
With the aircraft functions completely documented, the functional paths by which a piece of equipment contributes to the operation of the aircraft can be identified by computer. Performing the path-identification/documentation task by computer proves to be not only useful but necessary — the human analyst could neither keep track of nor assign sensitivity values to all functional paths. The machine processing capability allows the analyst to consider only one functional link at a time. The ability to follow all of the functional interrelationships within the aircraft, which is necessary for meaningful assessment of safety, is then provided by the computer.

3.2 MAJOR-FUNCTION SENSITIVITY ASSIGNMENT

3.2.1 Assignment Method

As stated earlier, the sensitivity of a function or equipment item is an estimate of the probability that its failure will cause an accident. From functional analysis of the aircraft under consideration, major functions are identified and are assigned sensitivity values for each phase of the mission.

^{*}Certain WUC items in the "-06" manual may not be included in the safety model, these items being either 1) eliminated by TCTOs; 2) purely structural items in the 11000 series; 3) necessary only for survivability or ejection; 4) of lower indenture than the LRU level, where computer data screening eliminates failure reports.



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Figure 3-2. Hierarchical Structure of Aircraft Functions

The relative importance of primary functions, major functions, and functions is not necessarily constant throughout a flight. The failure, for example, of one engine of a multi-engine aircraft is far more critical on takeoff than it is during the rest of the flight, and is of relatively little importance during startup and taxi. To accommodate this variability of importance, the mission of an aircraft is divided into nine flight phases:

- 1. Startup and taxi
- 2. Takeoff
- 3. Ascend (climb-out)
- 4. Cruise, outbound
- 5. Intercept or tactical phase
- 6. Cruise, inbound
- 7. Descend
- 8. Land
- 9. Taxi and shutdown

These phases are illustrated in Figure 3-3.

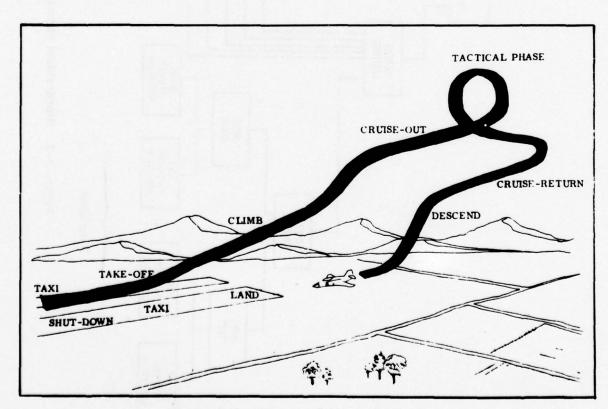


Figure 3-3. Phases of Aircraft Mission

A sensitivity value is assigned for each of the phases, and represents the best estimate of the likelihood that the aircraft will enter a hazardous mode if the function is not present in that phase. The numerical values assigned are proportional rather than absolute, and range from 0.0 to 1.0. The keypunch card format limits this assignment to increments of 0.1. Increments smaller than 0.1, when required, were assigned by defining a quasi-function for insertion between the major function and its dependent primary function.

3.2.2 Link Dependency Assignment

"Link dependency" is defined as the probability that the loss of a function will result in the loss of a dependent function. (For a more detailed discussion of this term, see Appendix B.) The assignment of link dependency values requires knowledge of the operation of specific aircraft because it is concerned only with functional levels below the "major" category. At this lower level, no evaluation is made of the impact on flight safety of the loss of functions. Instead, the effect of the loss of one function on the performance of another function becomes the evaluation criterion. Like sensitivities, link dependency values are assigned in increments of 0.1. Additionally, the method of attenuation used in assigning sensitivity values can also be applied to link dependencies.

3.2.3 Provisory Factors

The sensitivity of major functions with respect to aircraft safety, and at the lower levels the link dependency between functions, can be dependent on external influences and aircraft operating conditions. To accommodate these external influences, a set of provisory factors has been identified. An example would be a wind-shield anti-ice system, which has a safety sensitivity close to 1.0 during landing under icing conditions but a negligible effect on a dry, warm day.

Under such circumstances, the procedure is to assign the "worst case" value (assuming the condition exists). During model exercise the likelihood that the condition exists can be "read-in", thereby allowing the sensitivity value to be assigned by the computer based on the likelihood of the condition and the probability that the higher level function will therefore be lost. Table 3-1 lists the standard provisory factors used in FSPT models.

3.2.4 Computer Processing

Documentation of a flight safety analysis by ARINC Research thus consists of functional diagrams, coded functional tabulations, a functional data processing card deck, and a machine-prepared printout of the card deck data. Under this contract, the documentation is then sent to San Antonio Air Logistics Center for review by MMER personnel and representatives of the Air Logistics Center responsible for the particular aircraft (if other than SA/ALC).

SA/ALC processes the functional data card deck utilizing a number of computerized operations. First, a functional deck edit is accomplished to identify certain format or logic errors that may exist. Next, a path identification/documentation run is made that traces all possible paths associated with each function and calculates the numerical sensitivities by flight phase down to the WUC level. Then, a path combination run is made taking into account the dependence of more than one major function on a particular WUC. Finally, failure information from the 66-1 data system and numerical factors for provisory conditions are input and a WUC criticality list by rank order is generated by the computer.

TABLE 3-1. PROVISORY FACTOR CODES

Code	Provisory Condition
A	Icing conditions
В	Adverse speed/altitude operations
С	Runway stopping distance/confined area (Helicopter)
D	Night operation
E	IFR conditions
F	Supersonic flight
G	Rain
н	Solo flight
I	Loss of function for which indication is provided
К	Normal system failed
Т	Flame-out
x	Fire
Y	Cold weather
2	One of three available units is required
3	Two of three available units are required
4	One of four available units is required
5	Two of four available units are required
6	Three of four available units are required
8	Four of eight available units are required
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An additional product generated by the computer is a two-part criticality trend analysis. Part I contains the criticality rankings and linear regression analysis by WUC for the previous 12 months. Part II contains plots of the criticalities and regression lines for the 25 WUCs top-ranked according to safety criticality.

3.2.5 Model Maintenance

Each time an aircraft type for which a safety model has been developed undergoes a modification, the effects of the changes on the model must be evaluated. Technical order and WUC revisions must be incorporated into the model. Removal of existing hardware, the installation of new hardware, or design improvements may change link dependencies and sensitivity assignments. The update procedure should follow the same general steps as outlined for the initial analysis effort.

Existing block diagrams and a printout of the functional card deck form the baseline for change identification. Functional relationships should be reviewed to determine the impact of changes on the documented safety analysis. Diagrams should be revised to reflect functional differences, WUC changes should be noted, and all differences listed on a flight-safety functional tabulation sheet. The functional deck printout can be used for manual indication of what the changes are and where they occur. New data cards are prepared and the functional deck updated by the removal of obsolete cards and the insertion of new cards. From this point on, the computer is again utilized to edit the functional deck, perform path identification/documentation, and calculate sensitivities for each WUC.

Block diagrams and other affected portions of the specific aircraft safety analysis report should be updated and revised pages issued that reflect these changes. Maintaining an accurate and updated model is important to obtaining an accurate assessment of the safety significance of hardware failures.

A-7D MODEL DEVELOPMENT

The FSPT model for the A-7D aircraft was developed over a period of approximately two years, March 1973 to February 1975.

In March 1973, a seminar was conducted at the Oklahoma Air Logistics Center (OC/ALC) by representatives of SA/ALC and ARINC Research to familiarize OC/ALC personnel with modeling requirements and techniques for their participation in the A-7D and B-52 modeling efforts. Model development was initiated in April 1973 and completed in September of that year. Model documentation, including the systems completed in accordance with the contract modification (June 1973), were submitted for computer edit at SA/ALC in September 1973.

Subsequently, the Work Unit Code Manual for the A-7D was extensively revised in the propulsion section (23000 series). These changes made a large part of the completed work obsolete. To remedy this situation, the propulsion system of the model was revised and forwarded to SA/ALC in February 1975.

The aircraft flight manual and maintenance technical orders provided the information on aircraft system operation. The model developed represents the A-7D aircraft configured to the latest time compliance technical orders (TCTOs) documented in the manuals supplied by SA/ALC. Table 4-1 lists the manuals and their revision status applicable to the developed model.

The A-7D safety model was developed by ARINC Research for all systems except the landing gear. The landing gear diagram and functional documentation cards were produced by MMER/OC/ALC, and interface documentation for the landing gear was a joint effort by OC/ALC and ARINC Research.

Because of the vulnerability of the functional logic/sensitivity documentation to such errors as omission of links, duplication of cards, and keypunching, quality reveiws were conducted at various critical points in the model development. In addition to keypunch verification, each card was checked against the functional link shown on the original rough draft and the final functional diagram and the diagrammed link was checked off. Missing or duplicated functional links were thus identified. Work unit codes used in the model were checked off against the WUC manual to assure completeness.

The quality reviews were first conducted by the organizations responsible for the subsystems prior to merging and computer verification of the respective aircraft decks by SA/ALC. Following the merging of the Air Force/ARINC Research decks and computer verification at SA/ALC, a second quality review was performed by representatives of ARINC Research and OC/ALC. Finally, the first criticality print-out obtained from application of actual aircraft data was reviewed to identify any items whose sensitivity appeared to be unreasonable. In such cases the paths were traced manually and changes made if an erroneous relationship was found.

Appendix C presents the methods and standards used in documenting an FSPT aircraft model. Appendix D presents the FSPT documentation for the A-7D aircraft, which covers both the OC/ALC and ARINC Research portion of the model.

TABLE 4-1. A-7D SYSTEM DOCUMENTATION

Publication No.	Title	Revision/Date
1A-7D-1	Flight Manual	Change 5, 20 Sept 1972
1A-7D-2-1	General Information and Airframe Group	Change 8, 15 Feb 1972
1A-7D-2-2	Egress and Survival Systems	Change 4, 1 Apr 1972
1A-7D-2-3	Mechanical Accessories Systems	Basic, 15 July 1972
1A-7D-2-4	Pneudraulic Systems	Change 5, 1 May 1972
1A-7D-2-5	Powerplant Systems	Change 5, 1 Feb 1972
1A-7D-2-6	Fuel System	Change 10, 1 Jan 1973
1A-7D-2-7	Landing Gear Systems	Change 7, 1 June 1972
1A-7D-2-8	Flight Control Systems	Change 5, 1 April 1972
1A-7D-2-9	Automatic Flight Control System	Change 2, 1 Dec 1971
1A-7D-2-10	Instrument Systems	Change 7, 15 Apr 1972
1A-7D-2-11	Electrical Power and Lighting Systems	Change 7, 15 Apr 1972
1A-7D-2-12	Radio Communication and Navigation Systems	Change 7, 1 June 1972
1A-7D-2-13	Armament Systems	Change 7, 15 July 1972
1A-7D-2-14	Weapon Control Systems	Basic, 15 Nov 1970
1A-7D-2-18	Integrated Avionic Systems	Change 4, 16 June 1972
1A-7D-06	Work Unit Code Manual	Basic, 15 May 1972 (plus Change 6 to 23000 Series)

APPENDIX A HISTORICAL SUMMARY OF FSPT

HISTORICAL SUMMARY OF FSPT

In 1965, the desirability and practicability of quantifying the significance of specific equipment malfunctions relative to flight safety was explored in a feasibility study conducted by ARINC Research Corporation for the Air Force. The feasibility of a safety-quantification approach, which has subsequently become known as Flight Safety Prediction Technique (FSPT), was demonstrated; and the method was developed and refined in a series of studies, as follows:

Study Phase	Subject/Date	Sponsor*/Publication No.
I	Feasibility Study, September 1965 to June 1967 (Phase I)	Sacramento Air Materiel Area (SMNE), Contract AF09(603)62335, SM-67-2; publication 705-01-1-777
II-A	Technique Development, October 1967 to July 1968 (Phase II-A)	San Antonio Air Materiel Area (SANEW), Contract AF09(603)-67-A-0267-SA01; publication 734-01-1-895
п-в	Technique Development, July 1968 to July 1969 (Phase II-B)	San Antonio Air Materiel Area (SANEW), Contract F09(603)-68-A-0317-SA01; publication 754-01-1-985 (Revision 1)
	FSPT System Documentation for the F-4C and T-37 Aircraft, October 1970 to June 1971	San Antonio Air Materiel Area (MMER) Contract F41608-71-C-0576; publication 697-01-1-1118

In the Phase II-B study, the FSPT was applied to the F-106 aircraft. Concurrent with Phase II-B, the U.S. Naval Safety Center contracted ARINC Research to extend the methodology to produce a flight safety criticality model for the F-4J aircraft. The results of this effort are documented in ARINC Research Publication 753-01-3-982 (Revision 1).

In 1970, ARINC Research was contracted to develop suitable input data to permit the application of the technique to the T-37 and F-4C aircraft. These data were derived in the form of mathematical model functional documentation as input to the basic computer program developed and applied to the F-106.

In 1972, ARINC Research Corporation was awarded a contract, with the subsequent modifications in 1973 and 1974, to apply the Flight Safety Prediction Technique to 15 aircraft, working jointly with cognizant Air Logistics Centers. Aircraft to which the FSPT has been applied under this latter contract (F09603-72-A-1132-SA01) include:

- a. T-38
- b. F-111A and FB-111A

^{*}The office symbols of Service Engineering at the Sacramento and San Antonio Air Materiel Areas are now SM/ALC/MME and SA/ALC/MME, respectively.

- c. A-7D
- d. F-4D, E; RF-4C
- e. C-141
- f. A-37
- g. O-2
- h. OV-10
- i. B-52G, H
- j. C-130E
- k. KC-135
- 1. C-5A
- m. T-39
- n. F-15
- o. UH-1N Helicopter*

^{*}Feasibility study of adaptation of FSPT to rotary-wing aircraft.

APPENDIX B FORMULATION OF CRITICALITY-ASSESSMENT TECHNIQUE

FORMULATION OF CRITICALITY-ASSESSMENT TECHNIQUE

To implement the basic safety model defined in Section 2.2, it is necessary to develop a submodel for the probability that a malfunction in element j during mission phase k will result in an accident. This submodel in turn requires that we estimate two parameters: the probability of accident if a major function is not available during each mission phase, and the dependence of the major function on element j during each mission phase.

The first parameter is termed "functional sensitivity" and is estimated for each major function. The functional analysis performed in this task established for an aircraft the following hierarchal scheme:

Aircraft

Primary functions

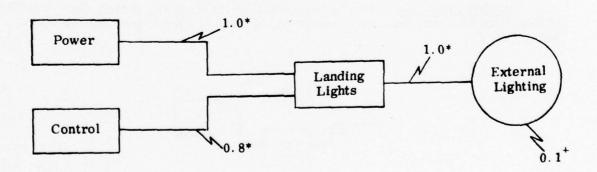
Major functions

Function

Elements (Work Unit Codes)

A primary function would be one such as Flight Control. Major functions under Flight Control would include Pitch Control and Yaw Control.

The second parameter, "link dependency," is a vehicle for showing the influence of each functional-path element on the performance of a major function. For example, if the major function being considered is External Lighting, the following diagram illustrates the nature of functional sensitivity and link dependency values.



^{*} Link dependencies

The 0.8 value means that failure of the Control function will result in loss of the Landing Light function 80% of the time. The 0.1 functional sensitivity value denotes that loss of external lighting will result in an accident 10% of the time. The values must be interpreted in a proportional sense, in that the actual accident probability is dependent upon external factors (see Section 3.2.3).

⁺Functional sensitivity

The remainder of this appendix discusses the procedures and model used to obtain element sensitivities; e.g., in the above example, the accident probability given that a Work Unit Code in the Control function malfunctions.

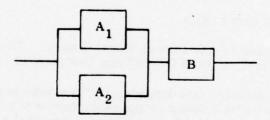
Three principal types of functional relationship—series, redundant, and parallel—were identified as representing the major forms to consider in modeling element sensitivity.

Series Relationship - A function having only one input. Schematically,



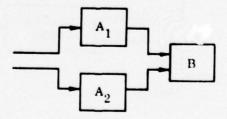
which indicates that outside of its own elements, the success of function B is only affected by the success of function A.

Functional Redundancy - A function having one or more backup functions that can provide the required inputs to successor functions. Schematically,



where A_1 and A_2 represent a functional redundancy in that either may provide the necessary input to B.

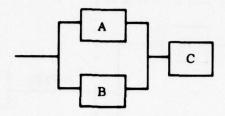
<u>Parallel Functions</u> — Two or more functions independent of each other in terms of functional success, but each of which may be required for a successor function. Schematically,



B will generally require both A_1 and A_2 ; but A_1 does not depend on A_2 , nor does A_2 depend on A_1 .

In some cases the distinction between functional redundancy and parallel paths is very slight, and may depend on mission phase. For example the four engines of a plane can be considered to be a redundant configuration providing inputs to the primary propulsion function during cruising, but would generally be considered to be parallel functions during takeoffs requiring full power.

In general, given a schematic relationship of the form,

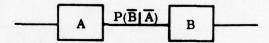


we can say that A and B are in a functionally redundant configuration if the success probability of C is the same if 1) A and B are successful, 2) A only is successful, or 3) B only is successful. If, for example, C is more likely to be successful if both A and B are successful, rather than A or B alone, then the relationship is one of parallel paths.

It is noted that the model will also account for element redundance and parallel elements through inputs such as $P(\overline{A}|i_a)$, representing the probability that the Ath function fails given that the $i_a{}^{th}$ element in A has failed. If i_a is a parallel element, the probability would depend on mission requirements and other parallel-element states.

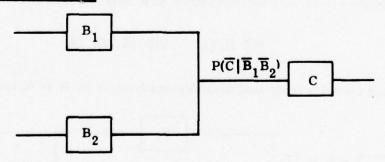
Link dependency is the conditional probability of a functional failure, given the failure of immediate predecessor functions. The link dependencies applicable to the three basic designs defined above are shown below.

Series Relationship

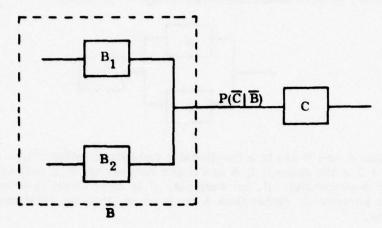


Link dependency = $P(\overline{B}|\overline{A})$ = probability that B fails given that A fails.

Functional Redundancy

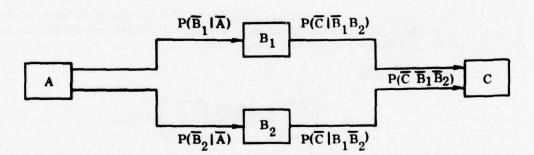


equivalent to



where $\overline{B} = \overline{B}_1 \overline{B}_2$

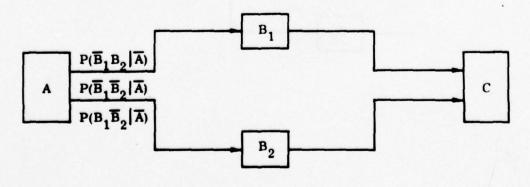
Parallel Functions



We shall generally assume that the dependencies of B_1 with respect to A, and of B_2 with respect to A, are independent of each other, so that

$$P(\overline{B}_{1}\overline{B}_{2}|\overline{A}) = P(\overline{B}_{1}|\overline{A})P(\overline{B}_{2}|\overline{A})$$

We then can consider three link dependencies from A to B as follows:



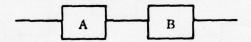
noting that

$$P(\overline{B}_1 \, \big| \, \overline{A}) = P(\overline{B}_1 B_2 \, \big| \, \overline{A}) + P(\overline{B}_1 \overline{B}_2 \, \big| \, \overline{A})$$

$$P(\overline{B}_2|\overline{A}) = P(B_1\overline{B}_2|\overline{A}) + P(\overline{B}_1\overline{B}_2|\overline{A})$$

Models are shown below for determining the sensitivity of elements within a function for each of the three basic designs. The following basic assumptions apply:

- a. Except for cases where an element has a redundant or parallel counterpart or is located in a function with a redundant or parallel function, only the element under consideration shall be assumed to have failed initially. Thus the expression $P(A|i_a)$, representing the accident probability given failure of the ith Work Unit Code element, is based on the assumption that no other element has failed unless element i is in some redundant or parallel configuration. For cases in which there are redundant or parallel counterparts, failures of such counterpart elements or functions are considered in accordance with their occurrence probabilities.
- b. The success of all immediate predecessors ensures the success of a function, provided that the function experiences no element failures. Thus for the series function relationship



we assume

$$P(\overline{B}|A) = 0$$
,

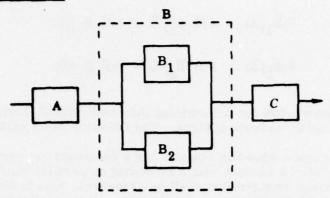
provided B experiences no element failures. If an element in function A is under consideration, the latter provision is always true by assumption "a."

The element sensitivity models are:

Series Relationship



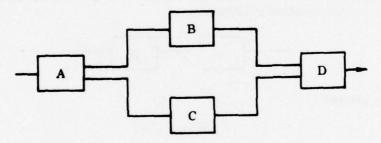
Functional Redundancy



 $P(A|i_a) = P(\overline{A}|i_a)P(\overline{B}|\overline{A})P(\overline{C}|\overline{B})P(A|\overline{C})$

 $P(A|i_{b1}) = P(\overline{B}_1|i_{b1})P(\overline{B}_2)P(\overline{C}|\overline{B})P(A|\overline{C})$

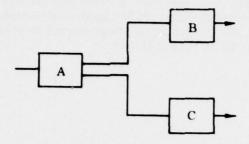
Parallel Functions



 $P(\mathbf{A}|\mathbf{i}_{a}) = P(\overline{\mathbf{A}}|\mathbf{i}_{a}) \left\{ P(\overline{\mathbf{B}}C|\overline{\mathbf{A}}) P(\overline{\mathbf{D}}|\overline{\mathbf{B}}C) + P(\overline{\mathbf{B}}\overline{C}|\overline{\mathbf{A}}) P(\overline{\mathbf{D}}|\overline{\mathbf{B}}\overline{C}) + P(\overline{\mathbf{B}}\overline{C}|\overline{\mathbf{A}}) P(\overline{\mathbf{D}}|\overline{\mathbf{B}}\overline{C}) \right\} P(\mathbf{A}|\overline{\mathbf{D}})$

 $P(\mathcal{A}|i_b) \approx P(\overline{B}|i_b) \left\{ P(\overline{C}|i_b) P(\overline{D}|\overline{BC}) + P(C|i_b) P(\overline{D}|\overline{BC}) \right\} P(\mathcal{A}|\overline{D})$

A case not explicitly incuded in the above three basic functional relationships is one for which a function is in two paths, e.g.,



then

$$P(\mathbf{A}|\mathbf{i}_{a}) = P(\overline{C}|\mathbf{i}_{a})P(B|\mathbf{i}_{a})P(\mathbf{A}|\overline{C}B) + P(C|\mathbf{i}_{a})P(\overline{B}|\mathbf{i}_{a})P(\mathbf{A}|C\overline{B})$$
$$+ P(\overline{C}|\mathbf{i}_{a})P(\overline{B}|\mathbf{i}_{a})\{1 - P(\overline{\mathbf{A}}|\overline{C})P(\overline{\mathbf{A}}|\overline{B})\}$$

where it is assumed that the effects of loss of the major functions in accident occurrence are independent of each other.

Use of Numerical Provisory Factors for Partially Redundant Systems

The numerical provisory factors (see Table 3-1) are used where more than two identical functions are involved in a redundancy. For example, aircraft with more than two engines often have identical and independent systems for hydraulic pressurization, and for electrical power generation, one driven by each engine. If the aircraft can be operated safely with one or more of such systems in a failed state, one of the numeric codes is utilized in assigning link dependency values. Consider, for example, the following:

If N identical and independent units* are available and at least M are required for safe operation, where $0\!<\!M\!<\!N$, then the provisory factor of a given unit, say U_j , is the probability that the failure of U_j will cause the aircraft to enter an unsafe state. This is the probability that exactly M-1 of the remaining N-1 units will be in an unfailed state. This probability can be calculated by the formula for the binomial distribution, and is given by

$$P(U_j) = {N-1 \choose M-1} p^{(M-1)} q^{(N-M)}$$

where $P(U_j)$ = probability that failure of the j^{th} unit will cause the aircraft to enter an unsafe state, and

M = Number of units required

N = Number of units available

p = Probability that a single unit will be in an unfailed state

q = Probability that a single unit will be in a failed state or (1-p)

^{*}Units may be either elements, element assemblies, or functions.

Assignment of link dependencies to N identical and independent units of which only M are required proceeds as follows. The value assigned to each unit is the dependency of the higher level function on receiving an output from M of the units (usually 1.0). The provisory factor is the appropriate numeric code. In the evaluation of the path sensitivity, the computer is programmed to select the binomial formula that corresponds to the provisory factor listed.

APPENDIX C FSPT DOCUMENTATION METHODS

FSPT DOCUMENTATION METHODS

Because of the extreme complexity of aircraft, it is necessary to develop a computerized method to identify and document all possible paths associated with each function as well as to determine the safety sensitivity associated with each path. A computer routine has been devised that takes the data from the functional card deck and traces and documents all paths. For each WUC, it also computes the flight-phase sensitivities for each path in which the WUC is present. The resulting computer printout provides a combined functional path sensitivity.

C.1 ALPHA CODING

As each system of the aircraft is functionally diagrammed, the functional blocks are assigned an "alpha code". This code aids the analyst in the bookkeeping tasks of functional diagramming and provides the computer with an identification of the elements to be processed. For standardization among aircraft, nine top-level functions have been defined and each has been assigned an initial or first-alpha designator. Each block in the functional diagram carries the same initial alpha as the top level function. Subsequent letters added to the initial alpha uniquely identify each block.

The only restrictions placed on the assignment of alpha codes are that:

- a. All characters in a code must be a letter of the alphabet, and
- b. The maximum number of characters in one code is seven.

C.2 ALPHA CODING AND COMPUTER PROGRAM COMPATIBILITY

Additional rules for alpha coding required to obtain the desired results from computer processing include:

- a. When a WUC item operates in the same mode to perform more than one function, the same alpha code is used in each application.
- b. When a WUC item operates in a different mode to perform each of more than one function, a different alpha designator is assigned for each operating mode.

C.3 FUNCTIONAL TABULATION

The "Flight Safety Functional Tabulation" sheet is used to code the safety model for keypunching. The sheets are coded as follows (refer to Figure C-1) for an example).

a. Columns 1 through 3. Used to identify the aircraft represented by the model. For certain aircraft modeled under this contract more than one model – designation series MDS – was included. For instance, a single functional deck was created for four MDSs of the F-4 aircraft. Cards with "F4b" in columns 1-3 were common to all aircraft. For example,

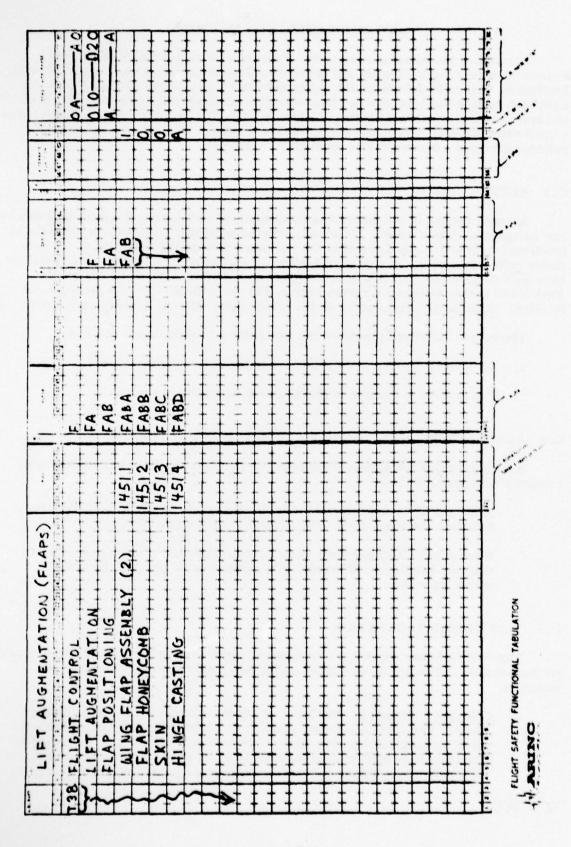


Figure C-1. Flight Safety Functional Tabulation

when these cards are combined with those carrying "F4E" in columns 1-3, then it produces an F-4E FSPT model deck.

- b. Columns 4 through 31. Contain the title of the function or the WUC item.
- c. Columns 32 through 36. Contain the left-justified WUC number.
- d. Columns 37 and 38. Blank
- e. Columns 39 through 46. Contain the assigned alpha designator for the function and/or the WUC. Column 39 contains either an L or an R, or is blank. The L and R designate left and right for those instances when the function and/or WUC pertains to the left or right side of the aircraft.
- f. Columns 47 and 48. Blank.
- g. Columns 49 through 55. Normally left blank, but are used after a deck is operational to substitute the data on a card for that stored in the computer by punching the line record number in this field.
- h. Columns 56 through 63. Identify the dependent functions for either the function or specific WUCs being coded. Column 56 may contain L. R or blank for the same purpose as that of column 39.
- i. Column 64. Contains the alphanumeric code of the "provisory factor" applicable to the link value assigned.
- j. Columns 65 through 69. Contain the alpha designator of a function that is an alternate for the function being coded. (Column 65 is used for "L" or "R" as in Column 39.) The presence of the "alternate alpha" flags the importance of the link dependency as being affected by the success probability of the alternate function.
- k. Column 70. Contains the work unit code dependency value (1 = 0.10; 2 = 0.20; ... A = 1.0). This value is applicable to all flight phases.
- l. Column 71. Contains special instructions to the computer through the use of letters F, S, or being blank. Cards with an "S" or "blank" in column 71 are used in sensitivity computations. Cards with an "F" document a functional relationships which, although present in the system, would produce an erroneous sensitivity value when combined with other nonindependent paths (having the same function in common at some higher level). The "F" prevents the computer from including the link in the sensitivity calculations.
- m. Columns 72 through 80. Contain functional dependencies for each of nine flight phases as described in Section 3.2.1 of the text. Coding is the same as for column 70.

C. 4 DIAGRAM CONSTRUCTION

The diagrams produced under the contract document the functional interrelationship of the aircraft systems considered in the model. In the interest of extending the useful life of the diagrams, WUC items are not shown, thereby eliminating the necessity of updating the diagrams with each (and sometimes frequent) change to the WUC manual.

As discussed earlier in this report, the diagrams represent the hierarchal structure of the paths from which the sensitivity values are derived. The diagrams, although consistent with the system schematic and reliability block diagrams, are not equivalent due to this hierarchal method of documentation. In the actual system, signals and/or fluids pass from one component to the next and are thus documented in schematics; conversely, the hierarchal approach only identifies the components that must operate to achieve a given function, independent of the direction and/or sequence of signal flow. This approach directly addresses the system impact of a component failure without the necessity of identifying the intrasystem secondary failures. Each line connecting functions on the diagram is documented by a punchcard, with the lower function providing the "alpha designator" and the higher function's alpha designator indicator as the "dependent function".*

^{*}The card deck also documents functional relationships not shown on the diagram; the work unit codes (mentioned earlier) and the "S" cards discussed in paragraph C.3.1.

APPENDIX D FSPT DOCUMENTATION OF A-7D AIRCRAFT

FSPT DOCUMENTATION OF A-7D AIRCRAFT

This appendix contains the functional relationship diagrams and a listing of the keypunch cards that comprise the FSPT safety model documentation for the A-7D aircraft.

D.1 DIAGRAMS

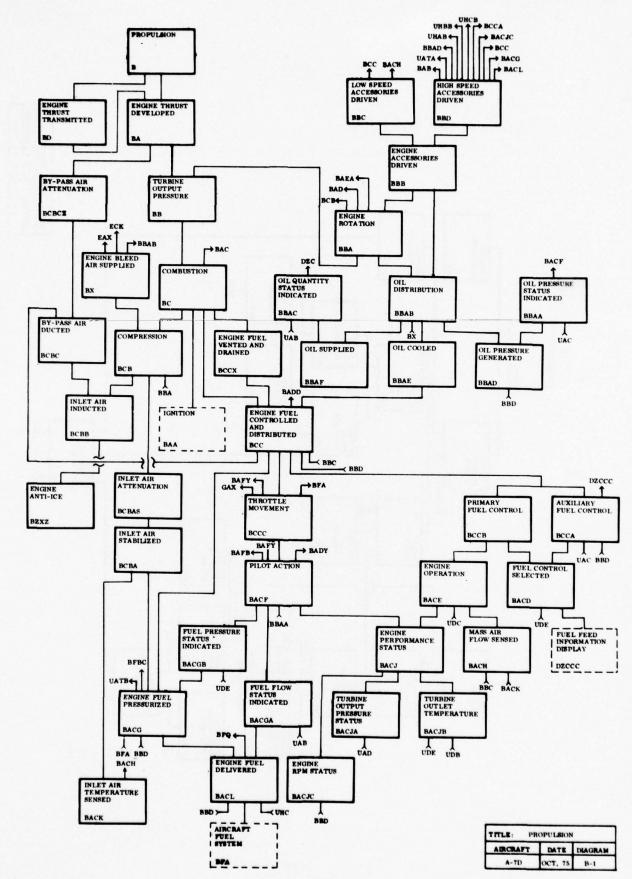
The diagrams illustrating the functional relationships considered in the A-7D safety model are found on pages D-5 through D-33, and are listed below:

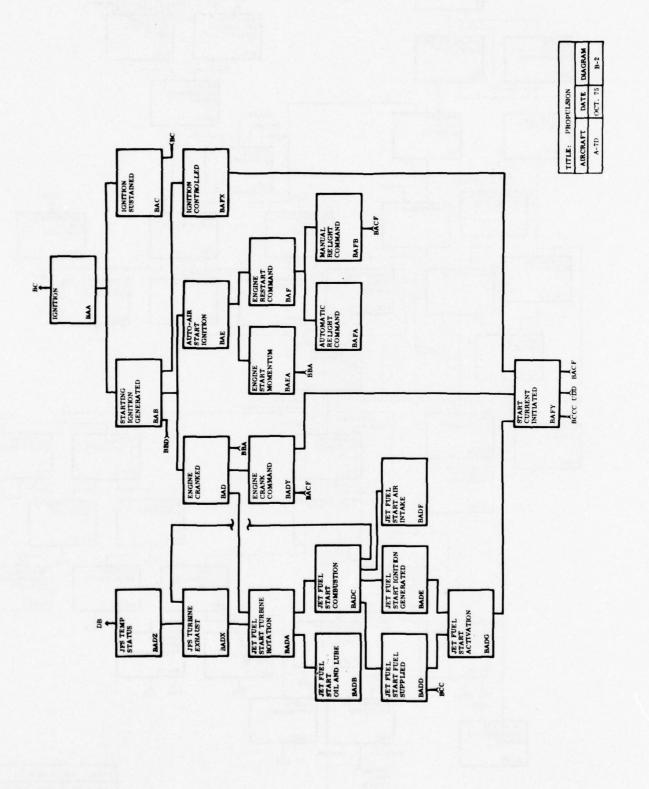
Title	Page
Propulsion, Diagram B-1	D-5
Propulsion, Diagram B-2	D-6
Propulsion Fuel, Diagram B-3	D-7
Propulsion Fuel, Diagram B-4	D-8
Comm/Nav/Ident, Diagram C-1	D-9
Comm/Nav/Ident, Diagram C-2	D-10
Comm/Nav/Ident, Diagram C-3	D-11
Information & Display, Diagram D-1	D-12
Information & Display, Diagram D-2	D-13
Environmental Control, Diagram E-1	D-14
Environmental Control, Diagram E-2	D-15
Environmental Control, Diagram E-3	D-16
Environmental Control, Diagram E-4	D-17
Environmental Control, Diagram E-5	D-18
Flight Control, Diagram F-1	D-19
Flight Control, Diagram F-2	D-20
Flight Control, Diagram F-3	D-21
Flight Control, Diagram F-4	D-22
Flight Control, Diagram F-5	D-23
Flight Control, Diagram F-6	D-24

<u>Title</u>	Page
Ground Control, Diagram G-1	D-25
Landing Gear, Diagram L-1	D-26
Mission Support, Diagram M-1	D-27
Utilities, Diagram U-1	D-28
Utilities, Diagram U-2	D-29
Utilities, Diagram U-3	D-30
Utilities, Diagram U-4	D-31
Utilities, Diagram U-5	D-32
Air Data Computer, Diagram UC-1	D-33

D.2 CARD LISTING

Pages D-35 through D-112 are a reproduction of the punchcard listing. The listing is alphabetical by "alpha designator", and the format is that of the 80-column punchcard itself as described in Appendix C. At the top of each page the card columns are printed vertically; for example, column 34 is printed " $\frac{3}{4}$ ".

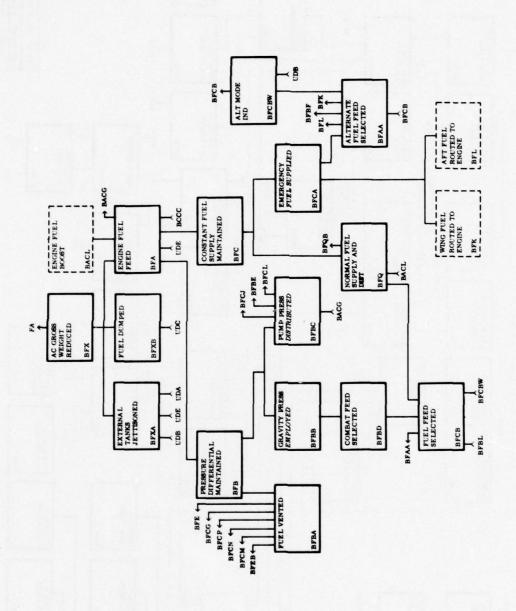


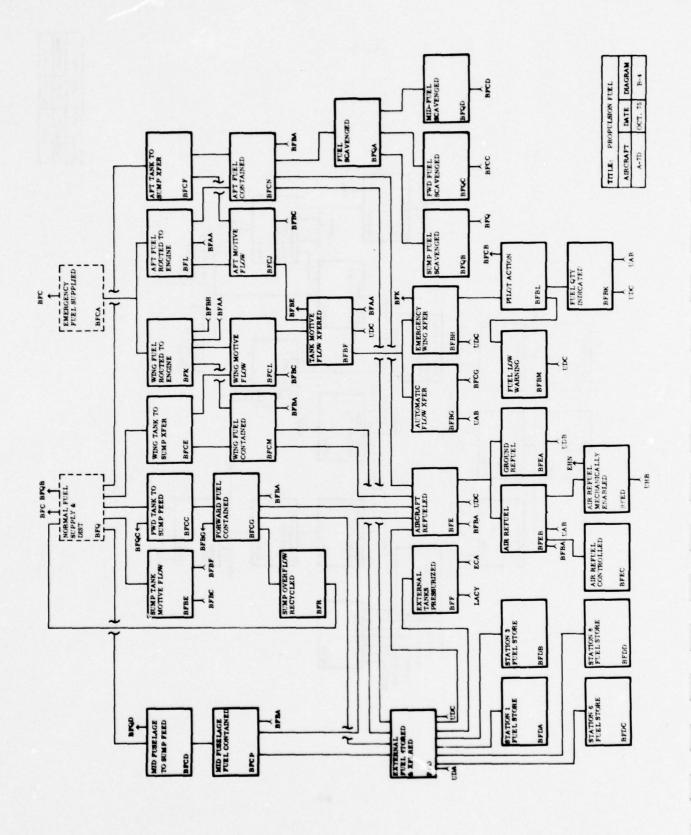


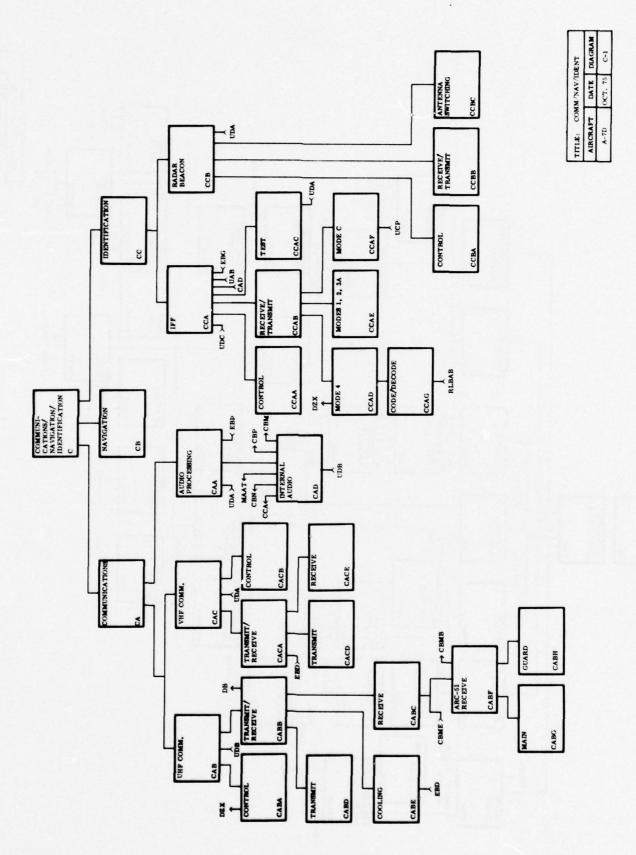
- Personal

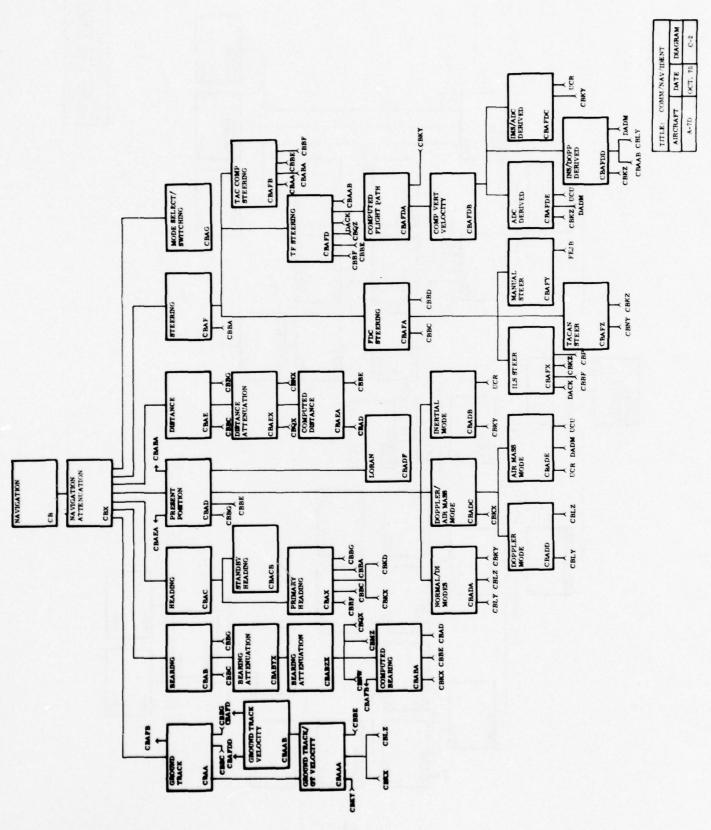
1

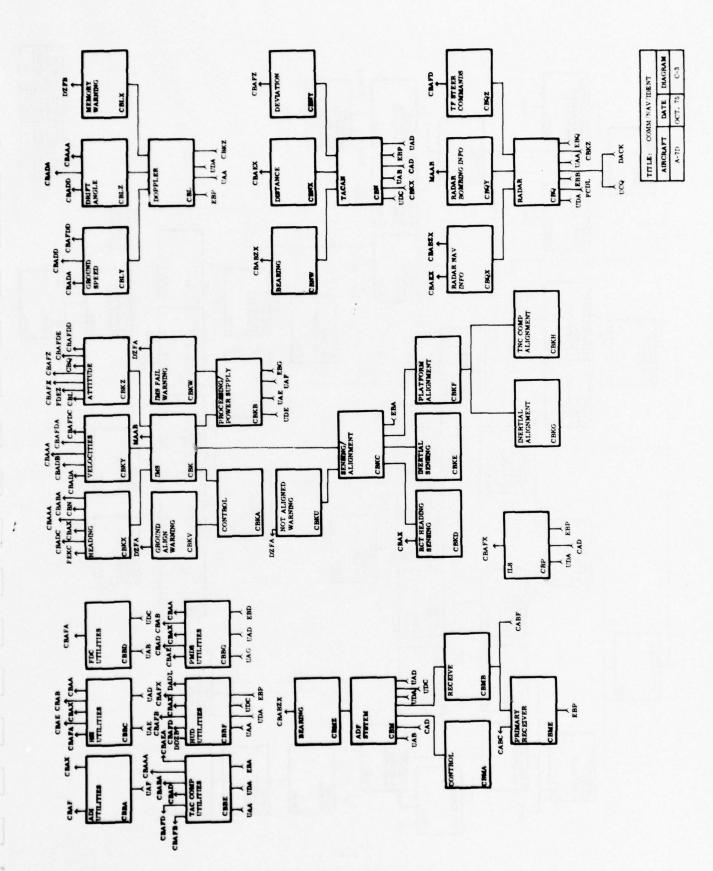


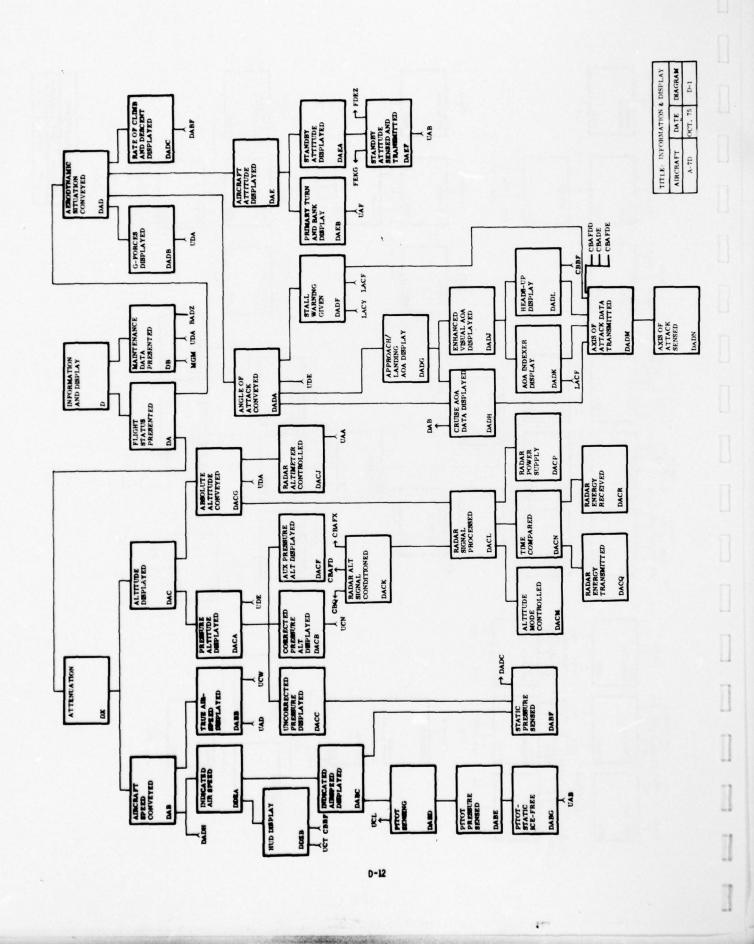


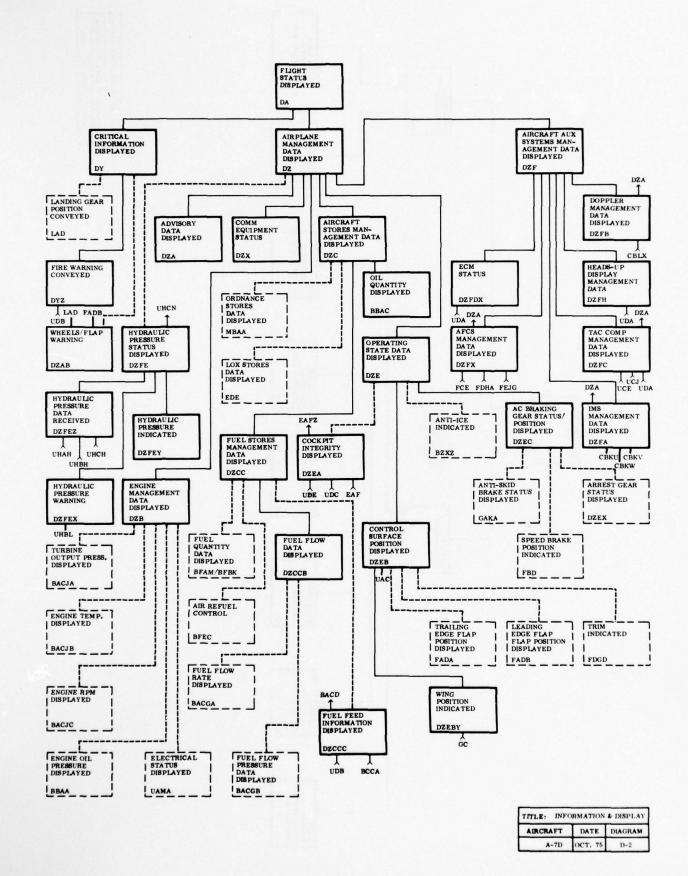


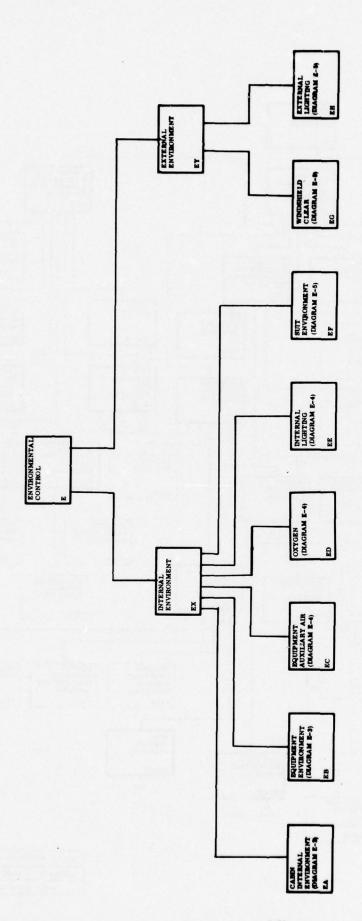




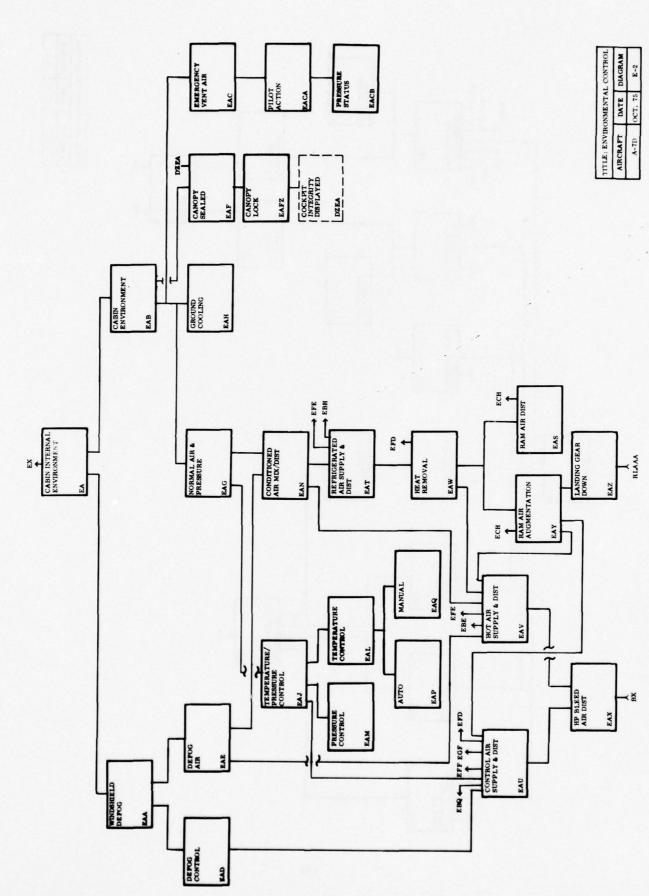


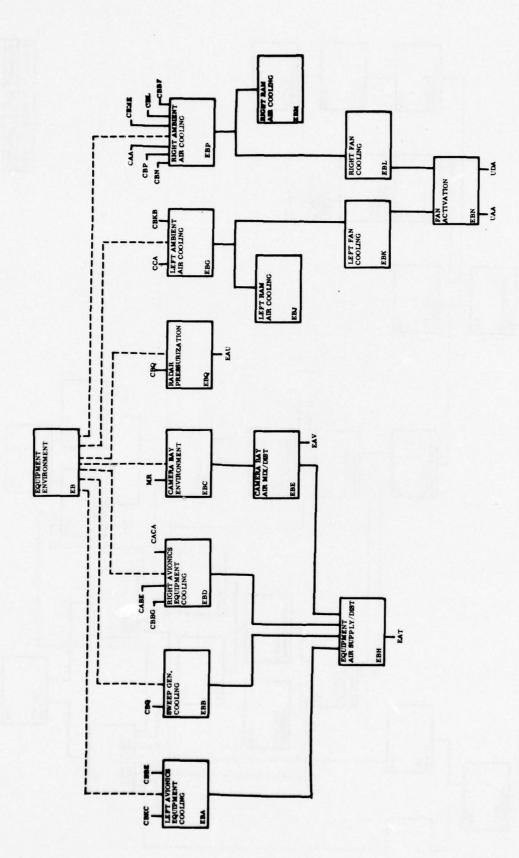






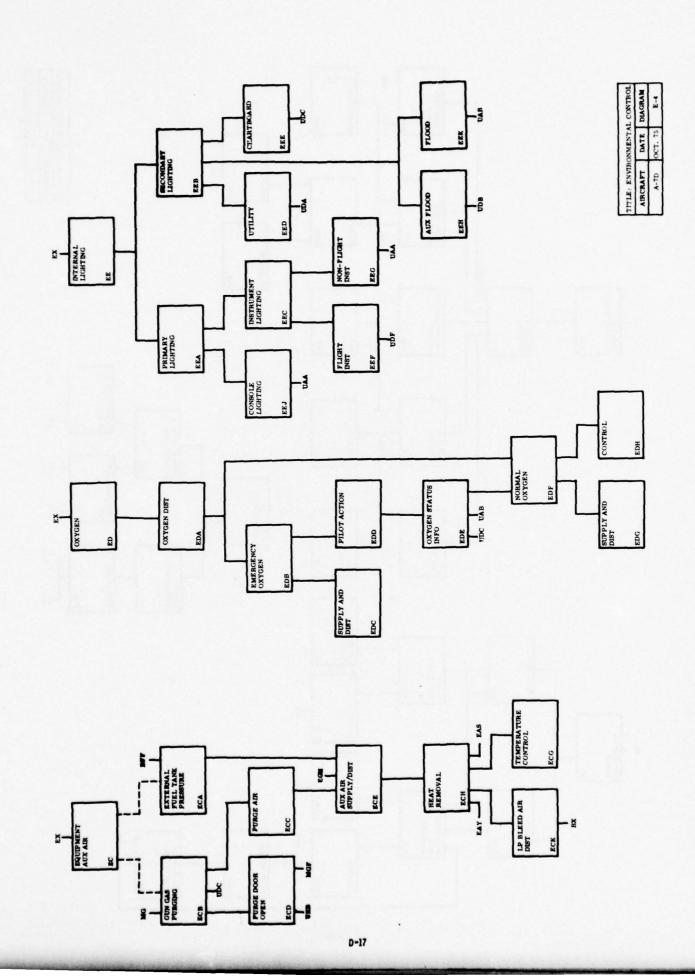
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TITLE: ENV	AIRCRAFT	A-7D

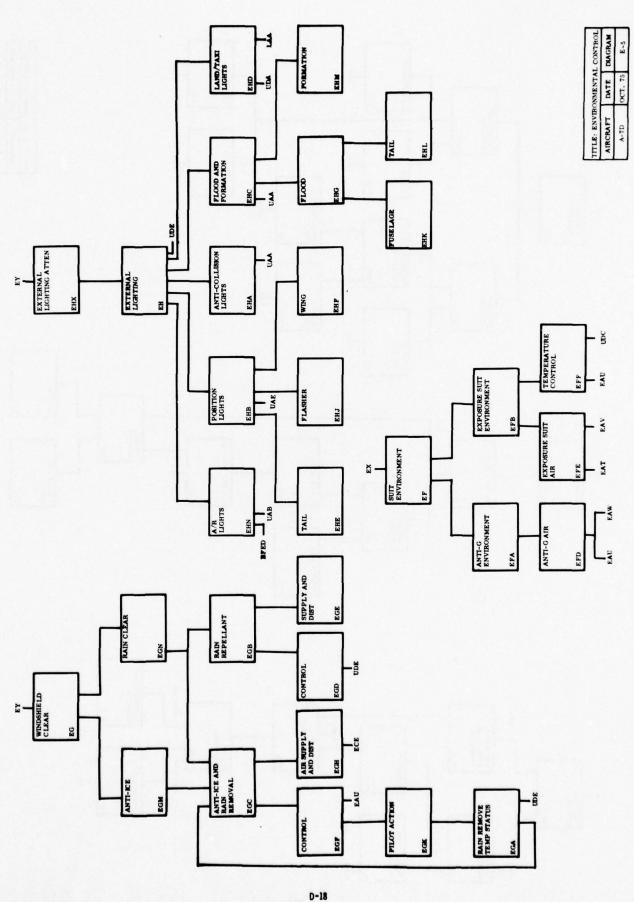


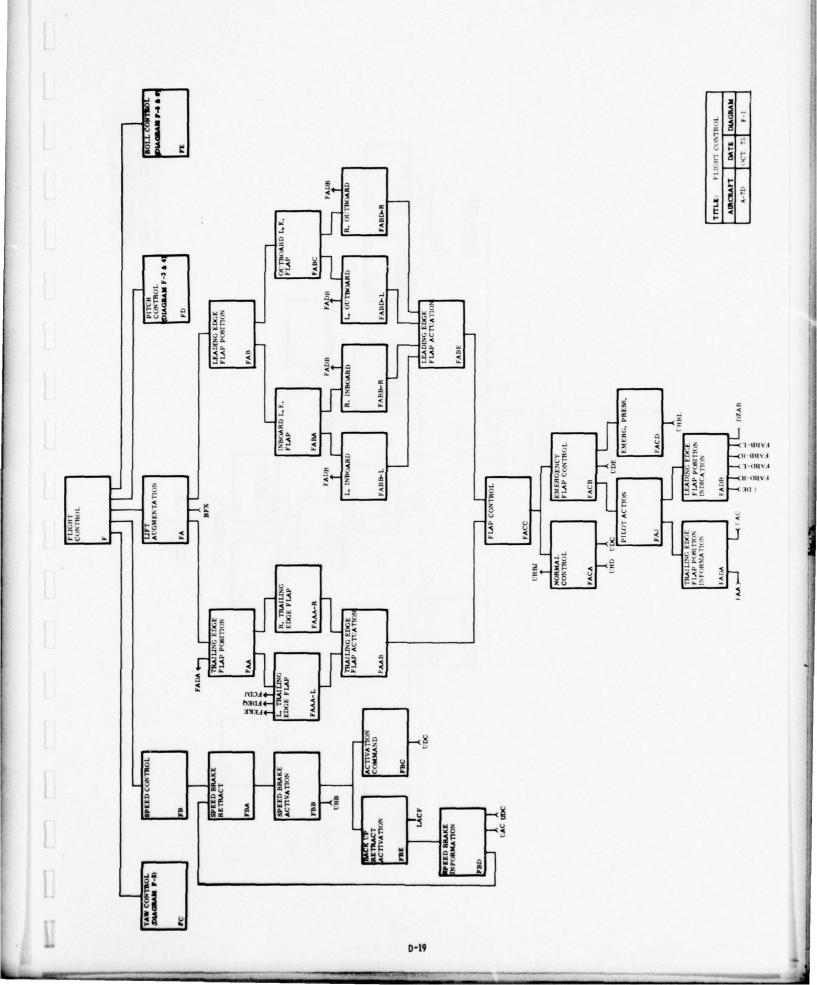


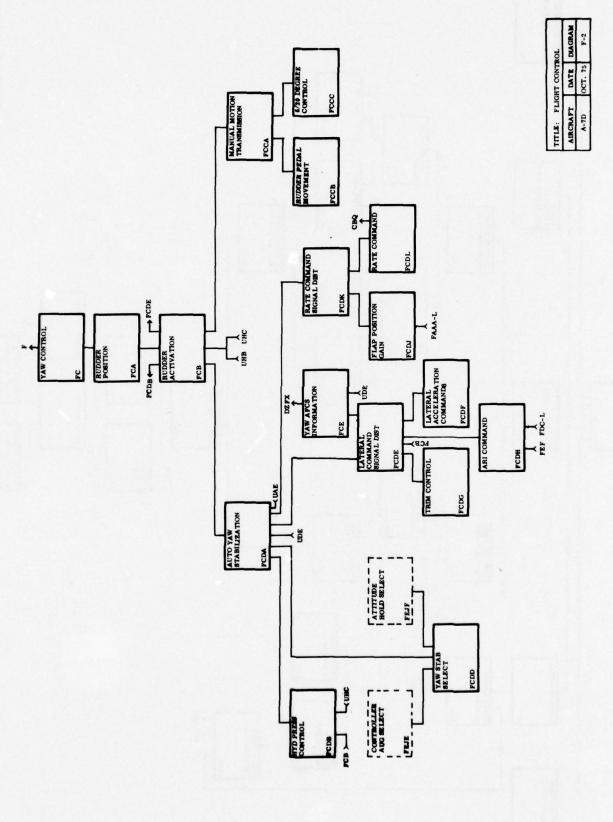


Section 2



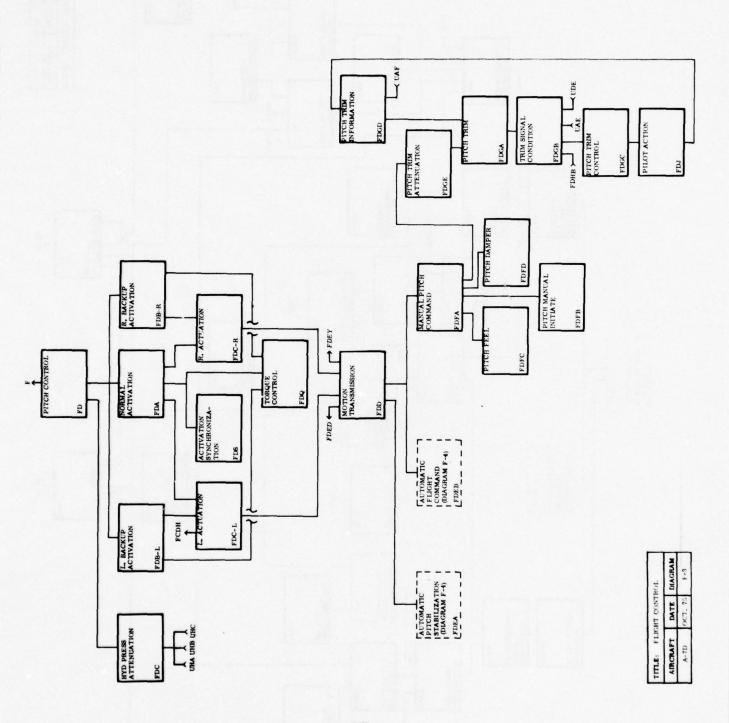


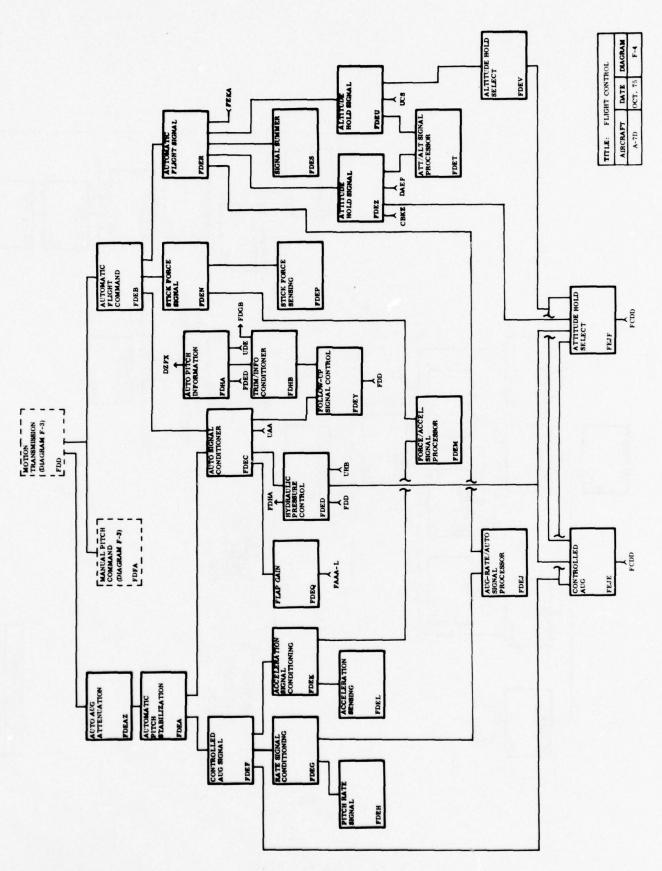


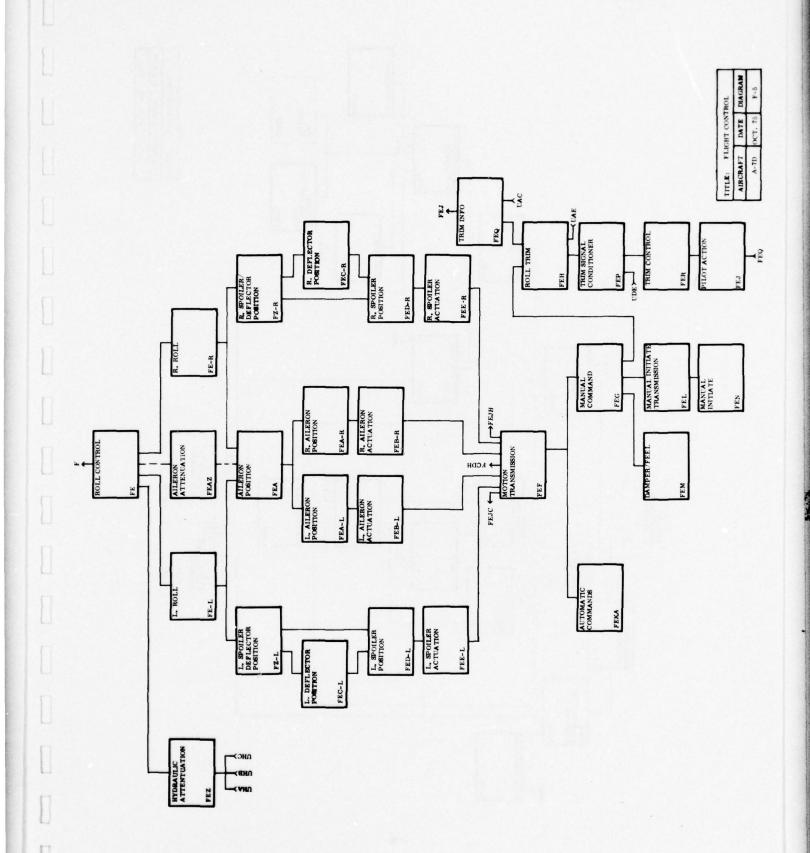


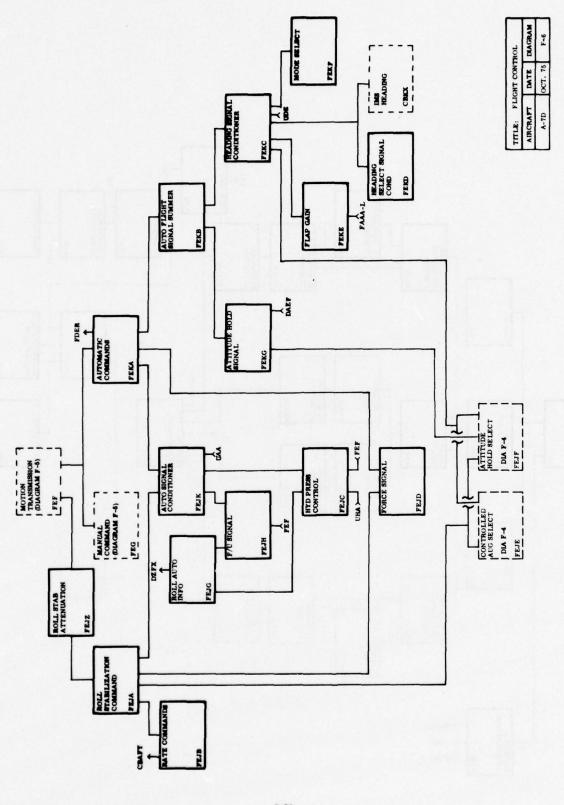
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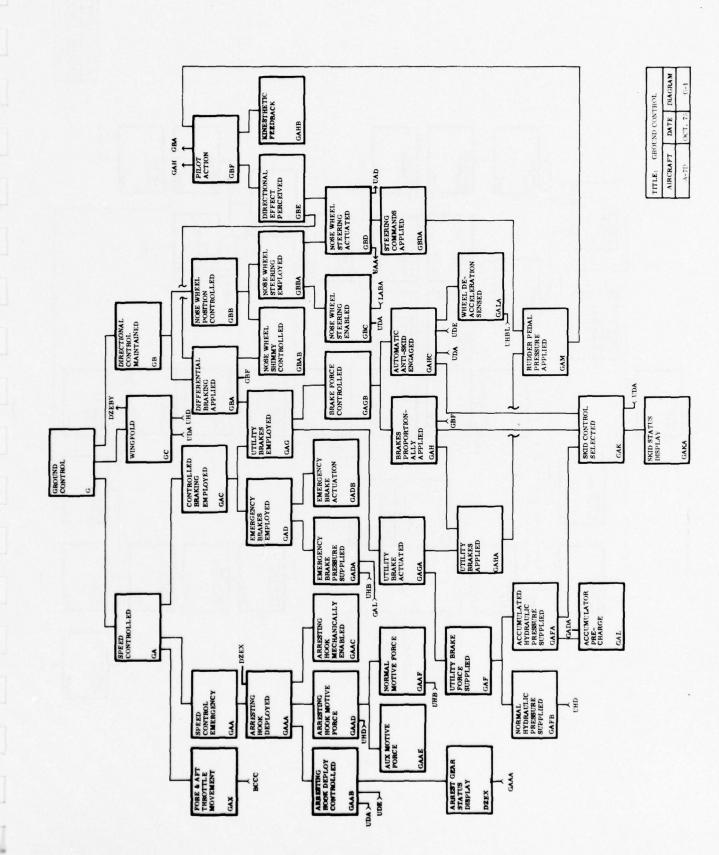






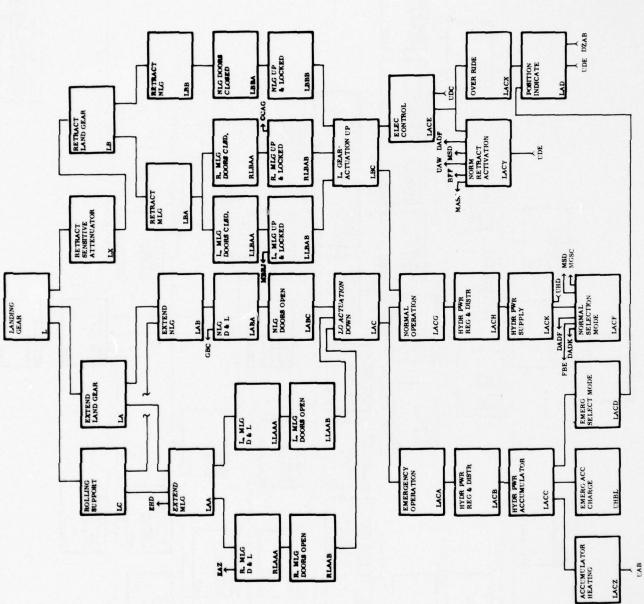


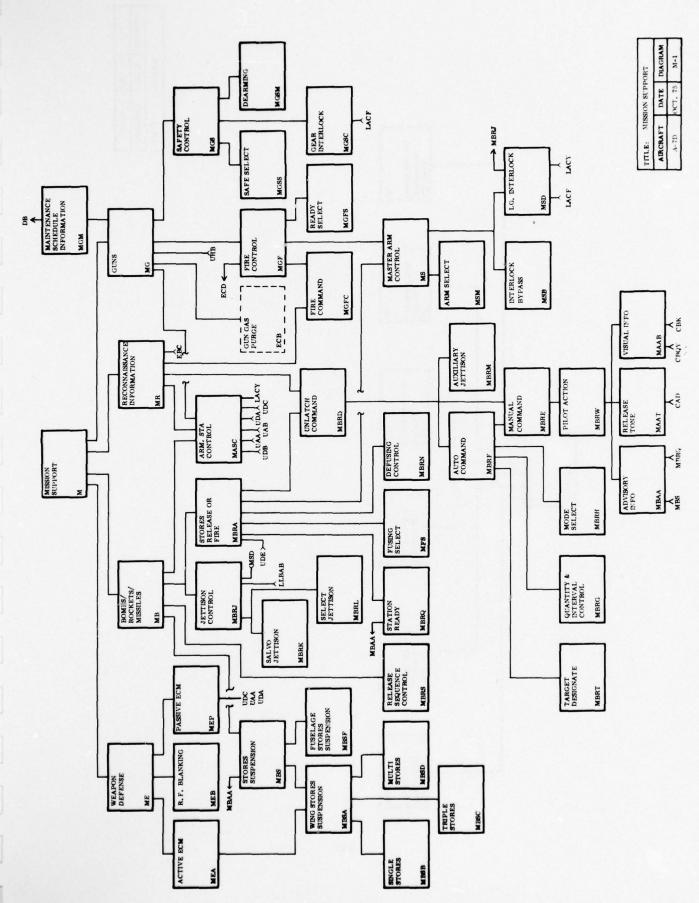
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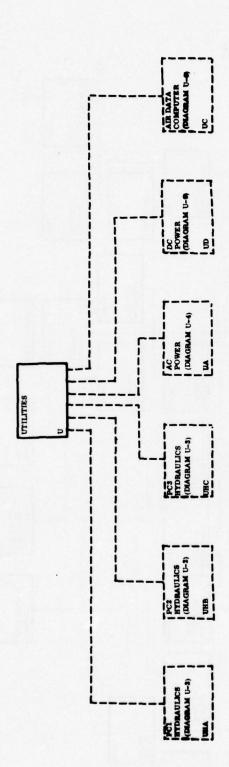


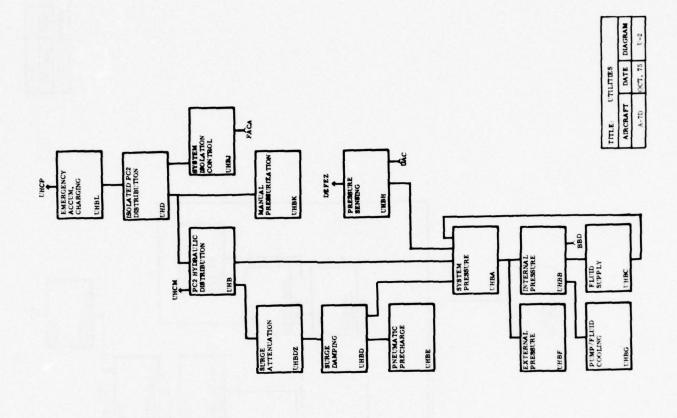
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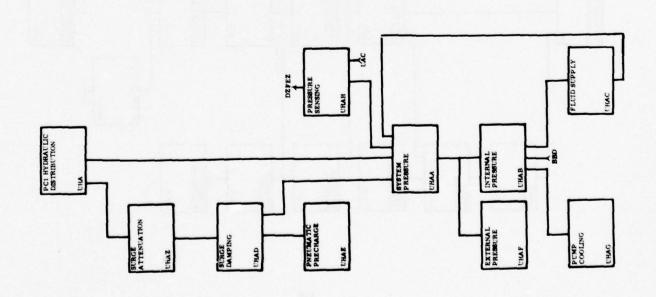




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A-7D	OCT. 75	1-0



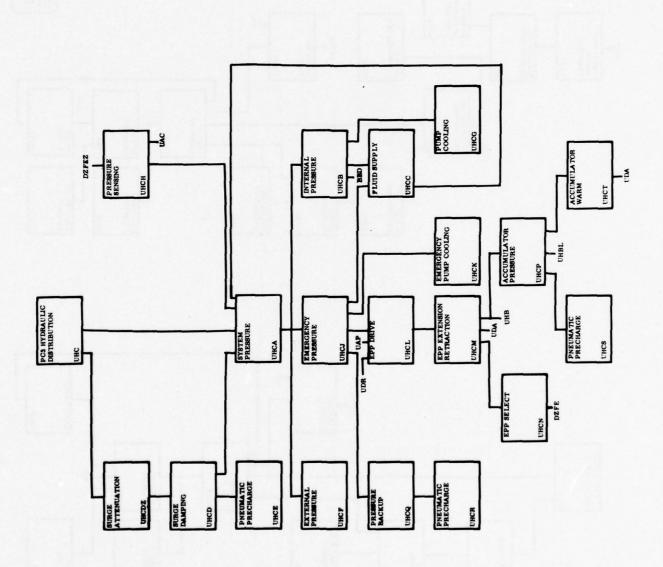


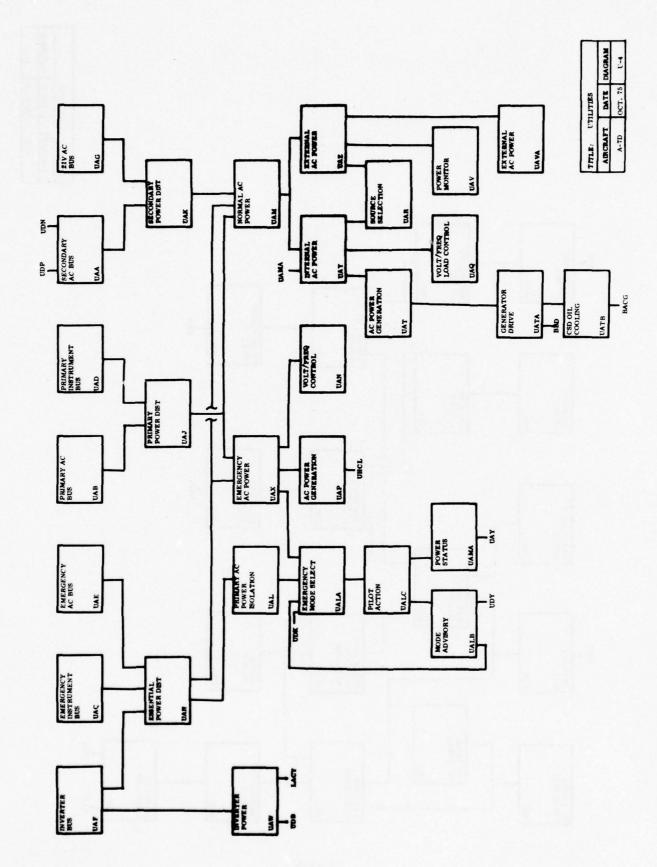


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TILE: U	TILITES	
AIRCRAFT	DATE	DIAGRAM
A-7D	OCT. 75	£-0

1

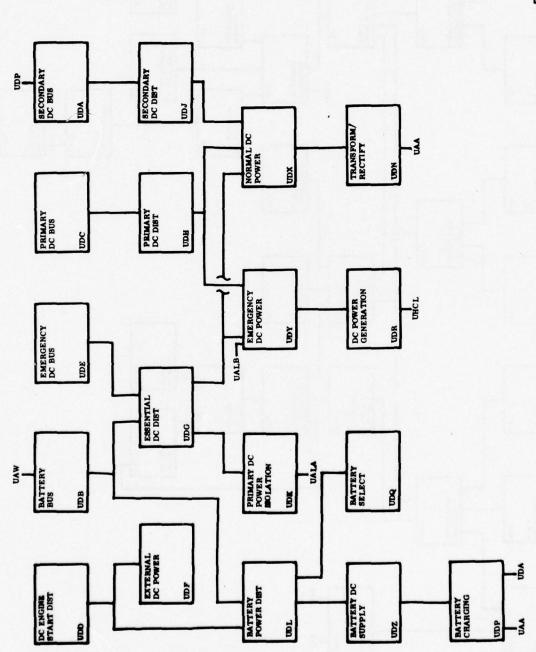


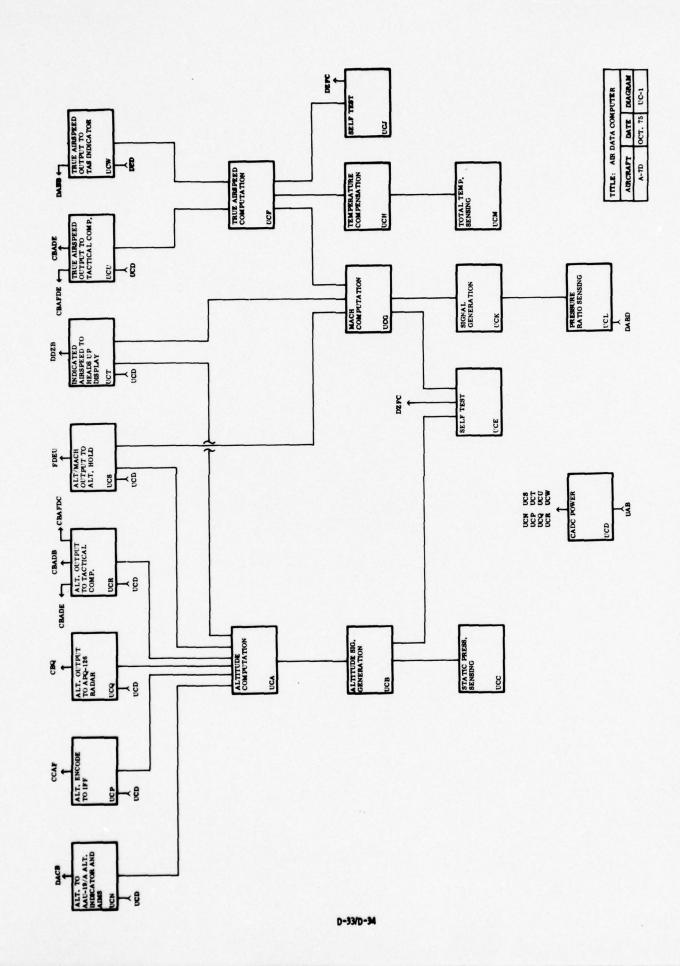


TILE: U	THITTES	
AIRCRAFT	DATE	DEAGRAD
A-7D	OCT. 75	Q-8

Total Section 1

Section 5





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PGGC95.J1CC A-70 A70	1234201	0	012343013701	25450103012.54	7514901234761645
A70PROPULSION			3		CAAAAAAO
ATOFIGINE THRUST DEVELOPED			84	В	CONTRACTO
			BA	80	FAAAAAAAAA
ATDENGINE THRUST DEVELOPED			BAA	bC	. 44144444
A72 IGNITION	23984			60	5
A70 TAILPIPE A70 BYPASS EXAUST MIXER ASSY			10 20 10 10 10 10 10 10 10 10 10 10 10 10 10	84	4
	231PB			BA	
					ó 5
A70 EXHAUST MAR FAIRING ASSY				BA	5
ATO TURBINE EXAUST CONE ASSY				BA BA	5
A7D TURB EXAUST FAIRING ASSY					5
ATO THER EXAUST CHANNEL ASSY				84	
ATU TURBINE EXAUST CASE ASSY				RA	4
ATO TURBINE EXHAUST CASE	231NN	N		BA	Α
ATE IGNITION GENERATED			BAB	BAA T	
ATO SPARK IGNITER LEAD	231XA		The second secon	848	2
ATO SPACE IGNITED	231XB			BAB	2
A70 IGNITION EXCITER	231XC			нав	2
ATU PERMANENT MAG. GENERATOR	231WL	N		РУВ	Δ
A70 LEAR SPARK IGNITER 2EA	23EAD		BABW	BAB	?
ATO SPAKK IGNITER ASSY 2EA	23FAA		ВАВХ	BAB	2
470 IGNITION EXCITER	53F AR		BABY	ВАВ	2
ATO PERM MAG GENERATOR	23EAC		BABZ	BAB	A
A70 ICVITION SUSTAINED			BAC	BAA	ΑΔΑΑΑΑΑΑ
A70 FUEL CONTROL SELECT			BACD	BCCA	AAAAAAAA
ATP FUEL CONTROL SELECT			BACD	вссв	FAAAAAAAA
ATDEUCL CONTROL SWITCH	99231		BACDZ	PACO	A
ATO ENGINE OPERATION LIMITED			BACE	HCCB	22222222
A70 TEMPERATURE LIMIT.AMPL.	231WK	N	BACEA	HACE	7
A70 MAIN ELECTRICAL HARNESS	231WF	N	BACEB	PACE	8
A7D RESISTOR ASSEMBLY	23GAJ		BACEX	BACE	5
470 TEMP LIMIT AMPLIFIER	23GAA		BACEZ	BACE	7
A TOPILOT ACTION			BACF	PADY	FAAAAAAAAAA
AT PILOT ACTION			BACF	EAFB	FAAAAAAAA
A70 PILOT ACTION			BACF	BAFY	ΑΑΛΑΑΑΑΑ
A70PILOT ACTION			SACF	BCCC	ΑΑΛΑΑΛΑΑΑ
ATHENGINE FUEL PRESSURIZED			BACG	BACGB	FAAAAAAAA
ATDENGINE FUEL PRESSURIZED			HACG	HCHA	FAAAAAAAAA
ATDENGINE FUEL PRESSURIZED			RACG	BCC	AAAAAAAA
ATO ENGINE FUFL BOOSTFRED			BACG	BFBC	FAAAAAAAAA
A 7 D F U F L			SACG	UATH	F111111111
ATOFUEL FLOW STATUS INC			BACGA	BACF I	BACL 111111111
ATO HP VELOCITY FUEL FILTER	231TH	N	BACGAA	BACG	1
ATD HP FUEL PUMP	231TL			HACG	5
ATH HP FUEL PUMP DRIVE GEAR	23155		BACGAC	BACG	· A
A70 FUEL FLOW TRANSMITTER	Vertical months		BACGAD	BACGA	3
ATO FUEL FLOW INDICATOR			BACGAE	BACGA	3
ATTIFUEL FLOW INDICATOR	23HEB		BACGAY	BACGA	3
ATOFUEL FLOW TRANSMITTER	23HF A		BACGAZ	BACGA	8
ATREVEL PRESSURE STATUS IND			BACGB		BACG 111111111
41.13,2 PASSONE STATES IND				1.401	5400 111111111

0000000001111111111222222222233				
1234567890123456789012345678901				
A70 BOOST PUMO DIFF PRESS SW			BACGB	5
A70 FNG LP PUMP PRESS SWITCH			BACGB	5
A70 HP FUEL PUMP PRESS SW	231TD N		BACGB	5
ATPLIGHT BOOST PUMP LOW WARN		BACGBU	BACGB	2
ATPLIGHT ENG LP WARNING	12080	BACGBV	BACGB	2
ATULIGHT ENG HP WARNING	12080	BACGBW	BACGB	2
ATO SWITCH ENG. LP FUEL PUMP	23HGC	BACGBX	BACGB	5
A70SWITCH ASSY HP FUEL PUMP	23HGB	BACGRY	BACGB	5
A70 SWITCH FUEL BOOST PUMP	23HGA	BACGBZ	BACGB	5
ATDFULL BYPASS VALVE	23CAM	BACGS	BACG	7
A7DBYPASS VALVE SEAT	23CAY	BACGT	BACG	2
ATDCAP ASSY FUEL FILTER	23CAX	BACGU	BACG	0
A70FUEL FILTER HOUSING ASSY	23CAW	BACGV	BACG	2
A 7D FUEL FILTER ELEMENT	23CAV	BACGW	BACG	0
A TOHI-PRESS FUEL FILTER ASSY	23CAU	BACGX	BACG	2
A 7DVELOCITY FUEL FILTER	23CAT	BACGY	BACG	1
ATOMAIN FUEL PUMP	23CAC	BACGZ	BACG	5
ATD MASS AIRFLOW SENSED		BACH	BACE	55555555
A70 LP COMPRESSOR TACHOMETER			BACH	Δ
ATO LP TACH GENERATOR	23GAK	BACHZ	BACH	A
A7D ENG PERFORMANCE STATUS		BACJ	BACF	884888888
ATD ENG PERFORMANCE STATUS		BACJ	BACF	F55555555
ATC TURBINE OUTPUT PRESS STATUS		BACJA	BACJ	33333333
ATO TURBNE OUTLET PRESS XMTR	233AA N	BACJAA	BACJA	8
A70 TURBINE DUTLET PRESS IND			BACJA	A
47D ELECTRICAL WIRING	233AC N		BACJA	3
ATO PS AIR MANIFOLD	231YF N	BACJAF	BACJA	5
A70 P5 AIR PROBE 9FA	231YG N		BACJA	1
A 10 TOP ELECTRICAL WIRING	SAHEC	BACJAU	BACJA	3
A70 TOP INDICATOR	23HAB	BACJAV	BACO	2
A 70 TURBINE PRESS XMTR	23HAA	BACJAW	BACJA	8
ATO AIR LINE MANIFOLD	23HAG	BACJAX	BACJA	5
A70 FLEX HOSE	23HAE	BACJAY	BACJA	6
A70 PROBE P-5 AIR 9 EACH	23HAD	BACJAZ	BACJA	1
A70 TURBINE DUTLET TEMP STATUS		BACJB	BACJ	335353333
A 70 T3 THERMOCOUPLE HARNESS	231WA N		BACJB	3
A70 T3 THERMOCOUPLE 2E4	231WB N	BACJBB	BACJB	3
AT) THERMOCOUPLE HARNESS	231WC N	BACJBC	BACJB	7
A TO THERMOCOUPLE BOX	231WD N	BACJBD	BACJB	5
470 TS THEFMOCHUPLE GEA	231WE N	BACJBE	RACJB	1
A 70 TOT INDICATOR	2330A N	BACJBF	BACJB	A
470 DOUBLE DATUM THROTTLE SW	231WM N	BACJBM	BACJB	2
ATO THERMOCOUPLE ASSY T-3 ZEA	23GAR	BACJBU	BACJH	3
A7D ENG HOT CAUTION LIGHT	12080	BACJBV	BACJB	1
A7D TURBINE FEMP INDICATOR	23HDC	BACJBW	BACJB	2
A70 T-5 THERMOCOUPLE 9 EACH	23HD4	BACJBX	BACJB	1
ATO HARNESS ASSY T-5 THERMO	23HDB	BACJBY	BACJB	7
ATO BOX ASSY T-5 THERMOCOUPLE	23GAG	BACJBZ	BACJB	5
ATPENGINE RPM STATUS		BACJC	BACJ	33333333
ATE TACHOMETER GENERATOR	233FA N	BACJCA	BACJC	8

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CCC JUUUJULLI1111111222222222233333333344444444445555555556666666667777777778
12:1456789012345678901234567690123456789012345678901234567890123456789012345673901234567890
AZI
     TACHUMETER INDICATOR
                                 233FH N BACJCB
                                                            BACIC
A 70 TACH GENERATOR
                                 23HFA
                                          BACJCY
                                                            BACJC
                                                                          8
ATE TACH INDICATOR
                                 23HF B
                                          BACJCZ
                                                            BACD
                                                                          2
47) HARNESS ASSY ENG SENSOR
                                          BACJZ
                                                            BACE
                                 236AE
                                          BACK
                                                            BACH
                                                                           F55555555
470 INLET AIR TEMP SENSED
471
    INLET AIR TEMP SENSED
                                          BACK
                                                            BCHA
                                                                             17777777
471
      TEMP. SENSING PROBE TI
                                 231AC N BACKA
                                                            BACK
470
      THERMOCUUPLE TI
                                 231WG N BACKB
                                                            RACK
                                                                          Δ
ATO TEMP PROBE T-1 PHIAL
                                 23AFE
                                          BACKY
                                                            BACK
470 THER TOC TUPLE ASSY T-1
                                                                          Δ
                                 23GAD
                                          BACKZ
                                                            BACK
A70 ENGINE FUEL BOOST
                                          BACL
                                                            BACG
                                                                            002555100
                                                            BACGA
A70 ENGINE FUEL BOOST
                                                                           FAAAAAAAAA
                                          BACL
A71.
     ENGINE FUEL DELIVERED
                                          BACL
                                                            BFO
                                                                           F111111111
170
      ASSOCIATED FUEL TUBES
                                 231TH N BACLA
                                                            BACL
      ASSOCIATED DRAIN TUBES
                                 231TC N BACLB
                                                            BACL
A 71
470
      FUEL ORAIN BLOCK
                                 231TE N BACLC
                                                            BACL
                                 231TJ N BACLD
A 711
      LP FUEL PUMP TROOST 24
                                                            BACL
      LP FUEL FILTER
                                 231TK N BACLE
A71
                                                            BACL
                                 231ST N BACLE
      A/C BACK PUMP DRIV GEAR
                                                            BACL
A 71
      ENG BACK PUMP DELV GEAR
47.
                                 2315U N BACLG
                                                            RACL
A70
      POST PUMP SHUTCEF VALVE
                                          BACLP
                                                            FACL
                                 40266
      FILTER MOTOR RETURN LINE
                                          BACLQ
                                                            BACL
A 710
                                 40 AGB
      FULL BOOST PUMP MOTOR
                                 46 AGA
                                          BACLR
                                                            MACL
170
                                 9923K
                                          BACLS
A70 LP FUEL FILTER BYPASS
                                                            BACI
                                                            BACL
ATO VALVE ASSY BALL DRAIN
                                 23CAP
                                          BACLT
                                                            BACL
ATT LP FUEL PUMP DRAIN
                                 23AED
                                          BACLU
A70 TURES FUEL FILTER
                                 23CAS
                                          BACLV
                                                            BACL
                                          BACLW
                                                            RACL
ATO INDICATOR LP FILTER
                                 23CAR
    FUEL FILTER LP
                                 23CAH
                                          BAC! X
                                                            BACL
47
470 LP FUEL PUMP (BUOST 2 )
                                 23CAA
                                          BACLY
                                                            BACL
A70 FUEL BOOST PUMP NOT
                                          BACLZ
                                                            BACL
                                 46AFN
ATU COMS CROSS-OVER TUBES 10EA 9923E
                                          BACZ
                                                            BAC
A TOENGINE CRANKED
                                          BAD
                                                            BAB
                                                                            ΑΔΑΔΑΔΑΔΑ
                                                                    K DAE
                                          BADA
                                                            BAD
                                                                             ΔΑΔΑΔΑΔΔ
ATE JES TURBINE ROTATION
A70 JES TURBINE ROTATION
                                          BADA
                                                            BANK
                                                                           FAAAAAAAAAA
                                 232AA N BADAA
      ANNULAR BALL BEARING
                                                            BADA
470
      DUTPUT SHAFT
                                 232AB N BADAB
                                                            BADA
                                                                          8
471
470
      PERFORMED PACKING
                                 232AC N HADAC
                                                            BADA
                                                            RADA
A79
      SWITCH ACTUATOR GOVERNOR
                                 232AU N BADAD
                                                                          5
ATTPANL & RATCHET ENG CNX
                                 9923F
                                          HADAU
                                                            BAD
ATO SHAFT PACKING PREFORMED
                                 23JFC
                                          BAUAW
                                                            REDA
ATE STARTER OUTPUT SHAFT
                                 23.1F P
                                          BADAX
                                                            BADA
                                                                           3
ATD GOVERNOR SWITCH ACTIVATED
                                          MADAY
                                                            BADA
                                                                          5
                                 23JFD
                                                            BADA
ATO BEARING ANNULAR BALL
                                 23JFA
                                          BADAZ
                                                            BADA
                                                                             55555555
ATO JES CIL DISTRIBUTED
                                          BADH
470
      PWF TURBIN MAGNETIC PLUG 232CA N
                                          BADBA
                                                            HCAH
470
      ACCESSORY DRIVE PLUG
                                 232CB N BADBB
                                                            BADH
                                                                          1
470
      ACC. OPIVE OIL STRAINER
                                 232CC N
                                          BADBC
                                                            FADB
                                                                          2
                                 232CD N BADBD
470
      GAS GEN DIL STRAINER
                                                            PADE
                                                                          2
A 70
      PIL DRAIN ADAPTER
                                 232CE N BADBE
                                                            EADB
```

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12345678901234567890123456789612345678901234567890123456789012345678901234567890
      ACC. DRIVE MAGNETIC PLUG
A70
                                232CF N BADBE
                                                           BADB
AIT
      ACC. DRIVE MACHED PLUG
                                232CG N BADBG
                                                           BADB
                                                                        U
      STARTER OIL FILTER DRAIM 232CH N BADBH
                                                           BADB
A 7:
A 70
      STARTER OIL TANK DRAIN
                                232CJ N BADBJ
                                                           RADB
                                                                        0
                                                           BADB
                                                                         0
ATE DIL TANK DRAIN
                                23AEU
                                         BADBR
A 70
   OIL FILTER DRAIN
                                 23AEP
                                         BADBS
                                                           BADB
                                                                         0
A70 DIE DRAIN PLUG MACH. THEFAD23JHG
                                         BADRT
                                                           BADB
A70 OIL DRAIN PLUG MAGNETIC
                                23 JHF
                                         BADBU
                                                           BADR
                                                           BADB
                                                                         0
ATO OIL DRAIN ADAPTER
                                23JHF
                                         BADBY
ATO OIL STRAINER
                                23 JHD
                                         BADBW
                                                           BADB
ATD UIL STRAINER
                                23 JHC
                                         BADBX
                                                           BADB
ATO ACCESSORY DRIVE PLUG
                                23 JHE
                                         BADBY
                                                           BADB
                                                                         1
A 70 POWER TURBINE OIL PLUC
                                23JHA
                                         BADBZ
                                                           BADB
470
   JES COMBUSTION
                                         BADC
                                                           BADA
                                                                           AAAAAAAA
                                2320B N
                                         BADCA
                                                           BADC
470
      GTE IGNITER PLUG
    IGNITER PLUG
                                         BADCX
                                                           BADC
470
                                23118
A70 JES FUEL SUPPLIED
                                                                           AAAAAAAA
                                         BADD
                                                           BADC
470
      FUEL CONTROL
                                232BA N BADDA
                                                           BADD
A 70
      FUEL DRAIN VALVE
                                232BB N BADDB
                                                           BADD
                                                                        1
470
      FUEL PRESS FILTER ELEMENT 2328C N BADDC
                                                           BADD
                                                                        1
      FUEL MANIFOLD
174
                                23260 N 84000
                                                           BADD
                                                                        8
      FUFL WOZZLE
                                232BE N
                                                           BADD
470
                                         BADDE
      FUEL STARTER DRAIN
                                                           BADD
                                                                         0
                                232BF N
17:
                                         BADDE
A70
      WORM . I'PEN SOL . VALVE
                                232FM N
                                         BADDG
                                                           BADD
                                232EN N
170
      NUMM.CLOSED SOL.VALVE
                                         BADDH
                                                           BADD
ATO JES FUEL DRAIN
                                23AEN
                                         BADDS
                                                           BADD
    NORMAL OPEN SOLENOID (DRAIN23JBN
                                                           BADD
                                         BADDT
47
47)
    NOT MAL CLOSED SOLENOID FUEL 23 JBP
                                         BADDU
                                                           BADD
470
   FULL NOZZLE
                                         BADDV
                                                           RADD
                                23JGE
ATO FUEL MARIEPLD
                                         BADDW
                                                           BADD
                                23JGD
    FUEL FILTER ELEMENT
                                 23JCC
                                         BADDX
                                                           BADD
170
   FUEL DRAIN
                                                           BAOD
                                23 JGR
                                         BADDY
                                                                        1
                                                           BADD
ATT FUEL CUSTRUL
                                23JG4
                                         BADDZ
    JES IGNITION GENERATED
                                                           BADC
                                                                           ΛΛΛΛΛΔΔΔΛ
47
                                         BADE
      IGNITION CUIL
270
                                 2320A N
                                        BADEA
                                                           PADE
      ALTERNATING CUPRENT GEN.
                                232FK N
47
                                         BADEB
                                                           BADE
ATO GO PERCENT SWITCH
                                9023M
                                         BADEW
                                                           RADE
ATT IGNITION COIL
                                ALLES
                                         BADEY
                                                           BADE
                                                                         Δ
A70 PERM MAG GENERATOR
                                                           BADE
                                23JHM
                                         BADEZ
AT JES AIR INDUCTED
                                                           BAUC
                                                                           111111111
                                         BADF
                                                           BADE
      INI FT AIR DUCT
                                232FR N
                                         BADEB
470
      GROUVED CLAMP COUPLING
                                232FC N
                                                           BADE
A 711
                                         BADFC
                                23JAC
                                         BADFY
                                                           BADF
470
    CUUPLING GROUND CLAMP
   JES INLET AIR DUCT
                                 23JAB
                                         BAUFZ
                                                           RADE
£ 75
                                                                         1
                                                           BADC
                                                                         SAAAAAAAA
ATO JES ACTIVATION
                                         BAUG
470
    JES ACTIVATION
                                         BADG
                                                           COAR
                                                                         FAAAAAAAAA
                                         BAUG
                                                           BADE
                                                                         FAAAAAAAAA
470
    JES ACTIVATION
      STARTER ELECTRIC MOTOR
                                232FA N BADGA
                                                           BADG
470
      ELECT.DIST.BOX ASSEMBLY
                                232EF N BADGB
                                                           BADG
470
                                232FG N BADGC
      FLECT.PWR.CABLE ASSY.
                                                           BADG
470
                                                                         5
```

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123455789012345678901234567896123456789012345675901234567890123456789012345678901
      STARTER MOTOR CABLE ASSY 232FH N BADGD
A70
                                                          MADG
A70 CADLE ASSY ELECTRIC POWER
                                23J8H
                                        BANGU
                                                          BADG
ATD ELECTRIC DIST BUX ASSY
                                23166
                                        BADGV
                                                          BADG
      JES OVERSPEED INDICATOR
                                23JRP
                                        BADGW
                                                          DB
                                                                        1
A 70
      TOTAL TIME METER
                                23JPL
                                        BADGX
                                                          DB
AT I CAMLE ASSE START MOTOR
                                23 JnK
                                        BADGY
                                                          BADG
                                                                        8
A70 JES STARTER MOTOR
                                23JFA
                                        BADGZ
                                                          BANG
A 70 JES TURBINE EXHAUST DUCTED
                                                          PADC
                                        RADX
                                                                          888888888
A7D JES TURBINE EXHAUST DUCTED
                                        BAUX
                                                          BADZ
                                                                         F55555555
     EXHAUST DUCT
                                232FA N SADXA
                                                          BAOX
470
A70 JES EXHAUST DUCT
                                23J4A
                                        SADXZ
                                                          BADX
ATT NOTHE CRANK COMMAND
                                        BADY
                                                                          ΑΑΑΑΑΑΑΛΑ
                                                          BAD
ATOJES STATUS INDICATED
                                        BADZ
                                                          DB
                                                                          000000000
477
     AUTO RELIGHT SWITCH
                                231YH N BADZA
                                                          PADZ
                                                                        A
ATOJES OVER TEMP CAUTION LIGHT
                               121.00
                                        HADZY
                                                          BADZ
A TOJES OVER TEMP SWITCH
                                9423N
                                        BADZL
                                                          OA)L
ATO AUTO AIR START IGNITION
                                        MAH
                                                          BAB
                                                                    BAD
                                                                          111111111
A TOENGINE START MOMENTUM
                                                          BAF
                                                                          AAAAAAAAA
                                        BALA
A70 AUTO IGNITION ACTUATOR
                                                          BAF
                                23LAG
                                        BAEZ
A TOENGINE PE-START COMMAND
                                        BOF
                                                          BAF
                                                                          AAAAAAAAA
A70AUTO RE-LIGHT COMMAND
                                                          HAF
                                                                    HAFB
                                        BAFA
                                                                          1111111111
A TOKEL IGHT PRESS DIFFERNTL SWITC9923L
                                        BAFAZ
                                                          BAFA
A70 4AMUAL INITIATED AUTO-LIGHT
                                        BAFF
                                                          BAF
                                                                 K BAFA
                                                                         ΔΑΑΑΑΑΑΔ
ATOTHROTTLE AUTO LIGHT SWITCH
                                        BAFHZ
                                                          BAFB
                               23 EAF
470 IGNITION CONTROLLED
                                        BAFX
                                                                          AAAAAAAA
                                                          EAB
      CONTROL RELAY BOX
                                231WJ N BAFXA
                                                          BAFX
A7'
                                                                        ۸
170
   15. CONTRUL RELAY ASSY
                                23F 2H
                                        BAFXZ
                                                          BAFX
470
    START CURRENT INITIATED
                                                          BANG
                                                                          AAAAAAAA
                                        BAFY
     START CURRENT INITIATED
                                        BAFY
                                                          BADY
                                                                         FAAAAAAAAA
A70 START CURRENT INITIATED
                                        BAFY
                                                                         FAAAAAAAAA
                                                          RAFX
1.70
      STARTER ABORT SWITCH
                                232LC N BAFYA
                                                          BAFY
170
      IGNITION SWITCH
                                232CD N BAFYB
                                                          BAFY
                                                                        4
      STARTER SOLENOID CONTACT 232EE N BAFYC
170
                                                          BAFY
A70 STARTER ABORT SWITCH
                                231116
                                        BAFYX
                                                          BAFY
                                                                        0
                                                          HAFY
                                231811
                                        BAFYY
A7D IGNITION SWITCH
A70 CONTACTOR START SOLENOID
                                23JBE
                                        BAFYZ
                                                          BAFY
ATOTAIL PIPE ASSY
                                23AHA
                                                          F.A
                                        HAT
ATUCASE ASSY TURPINE EXHAUST
                                23HJB
                                        BAU
                                                          BA
ATUTURBINE EXHAUST CASE FAIRING 236JC
                                        BAV
                                                          BA
ATOMIXER ASSY BYPASS AIR/EXH ST23PJD
                                        EAW
                                                          RA
                                                                        4
A TORING SEAL EXHAUST MIX UNIT 238JE
                                        BAX
                                                          BA
ATOFAIRING BYPASS AIR/EX MIXER 23PJF
                                                          BA
                                        BAY
A TOINMER TURBINE EXHAUST CONE
                                        BAZ
                                                          BA
ATOTURBINE OUTPUT PRESSURE
                                        HB
                                                          BA
                                                                          ΔΛΔΔΔΔΔΛΛ
ATOTURBINE OUTPUT PRESSURE
                                        HB
                                                          BBA
                                                                         FAAAAAAAAA
ATDENGINE ROTATION
                                        BBA
                                                          BAD
                                                                        FAAAAAAAAA
ATTENGINE ROTATION
                                        BBA
                                                          BAEA
                                                                         FAAAAAAAAA
ATTENGINE ROTATION
                                        BBA
                                                          RAR
                                                                         FAAAAAAAAA
ATRENGINE ROTATION
                                        BRA
                                                          BCB
                                                                          ΑΔΑΔΑΔΑΔΑ
ATO UPL PRESSURE STATUS
                                        BBAA
                                                          BACF
                                                                 CA68 I
                                                                          88888888
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123455789012345678901234567890123456789012345678901234567890123456789012345678901234567890
470
      STAGE 2 LP TURB.AIR SEAL 231K1 N BBAADD
                                                          BBA
      STAGE 2 LP TURB. VANE
477
                                231K2 N BBAADE
                                                          ARA
                                                                       4
            2 LP TURB. VANE SUP 231K3 N BBAADE
410
      STAGE
                                                          BPA
                                                                       8
      HP COMP FWD BRG SUP HOUS 2310J N 68AADJ
470
                                                                       8
                                                         BBA
470
      LP COMP AFT BRNG SUPPORT 2310T N BANADT
                                                          BBA
470
                                231HA N BBAAHA
      HP TURB BRNG VENT TURF
                                                         BHA
                                                                       0
170
      HP COMP BEARING HOUSING
                                231HH N BBAAHB
                                                          BBA
      HP COMP DIF/BRNG HOUSNG
                               231HJ N BBAAHC
470
                                                          BBA
                                                                       8
470
      TURB. VANE CASE AND SEAL
                                231KA N BBAAKA
                                                          bbA
                                                                       A
470
                                231Km N BBAAKE
      TURB. OUTFR/INNER SEAL
                                                                       2
                                                          BBA
470
      TURB. INNER STAGE SEAL
                                231KC N BBAAKC
                                                          BBA
                                                                       2
      LP TURBINE STG. 1 VANE
                                231KH N BRAAKD
171.
                                                         BRA
                                                                       ٨
      TURBINE INNER STAGE PANT 231KF N BBAAKE
177
                                                         BBA
                                                                       2
      STG.2 HPT SEAL SEGMENT
                                231KF N BBAAKE
A 712
                                                         BBA
      STO . 2 HPT NOZZL SEGMENT
170
                                231KG N BBAAKG
                                                         BRA
                                                                       2
470
      STG 2 HPT AIR SFAL
                                231KH N BBAAKH
                                                         RBA
      STG 2 HPT VANE ASSY
                                231KJ N BBAAKJ
570
                                                         BRA
470
      STG 2 HPT VANE SUPPURT
                                231KK N BBAAKK
                                                         BBA
470
      TURBINE VANE CASE ASSY
                                231KL N BBAAKL
                                                         BBA
                                                                       8
470
      HPT VENT/FEED/SCVNG TUBE 231KP N BBAAKP
                                                         BRA
                                                                       ٨
      HPT REARING SUPPOPT ASSY 231KO N BRAAKQ
                                                         BEA
470
470
      HPT STG.1 DUTER AIR SEAL 231KK N BBAAKR
                                                         FRA
                                                                       2
      HOT STG.1 INNER ATR SEAL 231KS N BBAAKS
A7D
                                                         RBA
                                                                       2
470
      HPT AIR SEAL
                                231KT N BBAAKT
                                                         BEA
                                                                       2
      HPT VANE SERRATED RING
                                231KU N BBAAKU
                                                          BBA
                                                                       8
470
      HPT AIR SEAL SUPPORT
                                231KV N BBAAKV
                                                                       2
17)
                                                         RPA
470
      HPT VANE LUCATING SEGMET 231KW N BBAAKW
                                                         BBA
      HPT STG.1 VANE
                                ZBIKK N BRAAKK
: 70
                                                         684
                                                                       Δ
      HPT REAR AIR SEAL
170
                                231KY N BRAAKY
                                                         BBA
                                                                       2
      THERMO INSULATION CASE
                               231KZ N BBAAKZ
470
                                                         83A
                                                                       8
A70
      STG.1 HPT WHEEL & SHAFT 231LA N BBAALA
                                                         BBA
                                                                       A
      BALANCE WEIGHT HPT
                                                         BRA
A70
                                231LB N BBAALD
                                                                       A
A 70
      STG.2 HPT SEAL DUTER AIR 231LC N BRAALC
                                                         BEA
                                                                       2
      STG.2 HPT INNER AIR SEAL 231LD N BRAALD
A70
                                                          BBA
                                                                       2
      STG.1 HP TURBINE WHEFL
A 70
                               231LE N BRAALE
                                                         BIA
                                                                       8
A70
      STG.1 HP TURBINE BLADE
                                231LF N BBAALF
                                                          BEA
      STG.2 HP TURBINE WHEEL
                                231LG N BBAALG
170
                                                         BBA
                                                                       8
170
      STG.2 HP TURBINE ELADE
                                231LH N BRAALH
                                                         BBA
                                231LJ N BBAALJ
      HPT ROTOR TO SHAFT NUT
470
                                                         BBA
      HPT SHAFT AIR SEAL
                                                                       2
A70
                                231LK N BBAALK
                                                         BBA
      HPT ROTOR SHAFT
                                231LL N BRAALL
                                                                       9
470
                                                         884
      HP TURBINE COUPLING
470
                                231LM N BBAALM
                                                         BRA
                                                                       Δ
      HPT TO COMP COUPLING LOCK 231LN N BBAALN
470
                                                          384
                                                                       Δ
A711
      HPT SHAFT SEAL RING
                                231LP N BHAALP
                                                                       2
                                                         BBA
170
      LP TURBIN BALANCE WEIGHT 231MA N BBAAMA
                                                         BBA
      HP/LP INTERST. SLEVE SEAL 231MB N BHAAMB
                                                                       2
111
                                                         BBA
      LPT SPANNE WHL/SHAFT NUT 231MC N BBAAMC
A7D
                                                         BBA
      LP TURBINE ROTOR ASSY
                               231MD N BBAAMD
47:
                                                         BBA
A70
      STG.1 LP TURBINE WHEEL
                               231ME N BRAAME
                                                         BRA
                                231MF N BBAAMF
      STG.1 LP TURBINE BLADE
                                                         BBA
ATU
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123456739012345678901234567890123456789012345678901234567890123456789012345678901234567
A 70
      STG.2 LP TURBINE WHEEL
                               231MG N BBAAMG
                                                         BBA
      STG.2 LP TURBINE BLADE
                               2314H N BBAAMH
A70
                                                         BRA
470
      LP TURBINE SHAFT
                                231MJ N BBAAMJ
                                                          BRA
      PEAR STIFFNER TUBE
                                231MK N BBAAMK
470
                                                         BBA
      HP COMPRESSOR COUPLING
                                231MM N BBAAML
ATD
                                                         BRA
                               231MN N BRAAMM
A70
      SPHERICAL COUPLING LOCK
                                                         BEA
      SPHERICAL SEATING SLEEVE 231MP N BBAAMN
170
                                                         BRA
      LP TURBINE BEARING COVER 231NC N BBAANC
A 75
                                                         BBA
A 70
      STO 2 LPT VANE PLTY-RING 231NF N BBAANF
                                                         684
470
      LPT BEARING CUNICAL SEAL 231NG N BBAANG
                                                          BEA
      LOT ATR SEAL
                                231NH N BBAANH
A70
                                                         BBA
AID
      LPT DEFLECTOR PLATE
                                231NJ N BBAANJ
                                                         BBA
      SEAL SUPPORT ASSY
                                231NK N BRAANK
                                                         BBA
4 70
      BRNG SUPPORT AND FITTING 231NL N BBAANL
470
                                                         BBA
      LP FAIRING SUPPORT ASSY
A 70
                               231NM N BBAANM
                                                          ARA
      NO.1 ROLLED BEARING ASSY 23104 N BBAAQA
470
                                                         BBA
      NO. 1 FRONT INNER PACE
A 7 1
                               23108 N 884AQB
                                                         BBA
      FRONT RACE RETAINER RING 2314J N BBAAQJ
170
                                                         BBA
A 70
      LP COMP SHAFT AFT BRNG
                               231QS N SBAAQS
                                                         BBA
      INNER ROLLER BEARNG RACE 2310T N BBAAQT
A 71
                                                         884
      LP COMP NO4 THRUST BRNG 231Q2 N BBAAQU
A 70
                                                          BEA
110
      LP TRUS ANTISPLASH RING
                               23104 N BBAAQV
                                                         BBA
A70
      NO 4 THRUST BEARING SEAL 23107 N BBAAQW
                                                         BEA
      NU. 3 HP COMP BRNG ASSY
                                2310X N BBAAQX
47.
                                                         BBA
      HPC NO 3 INNER BENG RACE 2310Y N BBAAQY
470
                                                         BBA
170
      NO.5 COMP. THRUST BEARING 231RA N BBAARA
      FWD HP THRUST BRG. SLEEVE 23188 N BBAARB
470
                                                         BBA
A70
      AFT HP THRUST BRG. SLEEVE 231RC N BBAARC
                                                         BBA
      NO 5 REARING FRONT SEAL
                               231RD N BBAARD
                                                         BRA
470
      NO.5 BRNG REAR SEAL/SUPP 231RF N BBAARF
A7J
                                                         BRA
      NO.5 HP TURBINE BEARING 231RG N BBAARG
A 70
                                                         BBA
470
      APT SHAFT BEARNG SLEFVE
                               231PH N BBAARH
                                                         ABA
      HPT FLEX BEARING HOUSING 231RN N BBAARN
170
                                                         BBA
470
      HPT FLEX BRNG SUPPORT
                               231RP N BBAARP
                                                         BRA
A 70
      FLEX BRNG SUPPT STOP RING231RO N BBAARQ
                                                         BBA
      NO.7 LP TURBINE BEARING 231RR N BBAARR
ATO
                                                         BBA
      NO.7 LPT BRNG INNER RACE 231RS N BRAARS
A70
                                                         BRA
                               231RT N BBAART
A 7 1
      LPT SEARING FRONT COVER
                                                         BBA
                               231RU N BBAARU
      LPT BEARING
                    SEAL RING
17
                                                         884
A 70
      LPT FLEX SEAL HOUSING
                               231KV N BBAARV
                                                         BRA
470
      NO. 7 LPT BRNG HOUSING
                                231RW N BBAARW
                                                         BBA
470
      NO.7 LPT BRNG STOP RING
                               231RX N BBAARX
                                                         BBA
470
      NO.7 LPT BRNG SLEVE SFAL 231RY N BBAARY
                                                         864
070
   TIL PRESS WARN LIGHT
                                12080
                                        BBAAW
                                                         BBAA
ATO DIL PRESSURE INDICATOR
                                23HBC
                                        BBAAX
                                                         PEAA
   TIL PRESSURE XMTR
                                23HB4
                                        BRAAY
                                                          BPAA
470 OIL PRESS DIFFERENTIAL SW. 23HBB
                                        BBAAZ
                                                         BRAA
470
      OIL PRESSURE TRANSMITTER 233BA N BBAAZA
                                                         BBAA
      PRESSURE DIFF. SWITCH
                               233BP N BBAAZB
170
                                                         BBAA
      UIL PRESS.INGICATOR/LITE 2338C N BBAAZC
471)
                                                         BBAA
```

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123456789012345678901234567890123456789012345678901234567890123456789012345678901
A70 OIL DISTRIBUTED
                                       BBAB
                                                        BBA
                                                                       059999900
                                                        BBB
A70 UIL DISTRIBUTED
                                       BBAB
                                                                      FAAAAAAAAA
470
      OIL PRES. TUBE INT GR. BOX. 2310M N BBABAA
                                                         BBAB
                                                                      3
      OIL TRANSFER TUBE HP. TUR. 231HB N BBABAB
47.
                                                        BBAB
A 70
      CIL & BRNG SERVICE TUBE 231HC N BBABAC
                                                         BRAB
4/1
      OIL FEED TUBE & LINER AS 231ML N BBABAD
                                                        BBAB
170
      OIL RETURN TUBE LP TURB 231NA N BBABAE
                                                        BBAB
                                                                      3
      OIL MAIN SHAFT BRNG TURE 231NB N BBABAF
ATU
                                                         BBAB
                                                                      5
      LP TURBINE BEN GIL FILTE 231ND N BBABAG
175
                                                        BBAB
                                                                      1
      FRONT DIL PING SEAL
                               2310F N BBABAH
470
                                                        8848
                                                                      2
      REAR OIL RING SFAL
471
                               231QN N BBABAJ
                                                        BBAB
                                                                      2
470
      FRONT DIL SEAL RETAINER 23100 N BBABAK
                                                        BBAB
                                                                      2
      OIL SEAL KING LP COMP BE 231QV V BBABAL
A71
                                                        BBAB
                                                                      2
A 7"
      OIL STAL RETAINER ASSY
                               2310W N BBABAM
                                                        BBAB
                                                                     2
170
      INT GEARBOX OIL SEAL AFT 23101 N BRABAN
                                                                     2
                                                        BBAB
      OIL BAFFLE GLEEVE
                               231Q3 N BHABAP
                                                        BRAB
A 711
      OIL SEAL RING RETAINER
OIL SEAL PING HOUSING
                                                                     2
470
                               23105 N BBABAC
                                                        BRAR
                               231Q6 N BBABAR
A 711
                                                        BBAB
                                                                      1
470
      PEAR OIL SEAL HOUSING
                               231RK N BBABAS
                                                        BBAB
                                                                     1
A70
      HP TUPBINE PEAR UIL SEAL 231KL N BBABAT
                                                        BBAB
      OIL SEAL RETAINING PLATE 231RM N BBABAU
                                                        BBAB
A 7
                               231RJ N BBABAV
                                                        8848
171
      TIL BAFFLE PLATE HP
      OIL VENT TUBES
                               231UF N BRABAW
                                                        BBAB
470
                                                                     0
      OIL FILTER ASSY
                               231UK N BBABAX
470
                                                        BBAB
                                                                     0
      FILTER MAINTENCE IND.
                               231UM N BBABAY
                                                        BBAB
470
                                                                     0
      OIL FILTER ELEMENT, PRI
470
                               231UN N BBABAZ
                                                         BBAB
                                                                     0
470
      DIL FILTER ELEMENT BYPAS 231UP N BRABBA
                                                        BBAB
                                                                      1
      DIL FILTER RYPASS VALVE 23100 N BBABBB
                                                        BEAB
470
                                                                     1
A70
      ASSOCIATED OIL FEFO TUBE 231UG N BBABBC
                                                        BBAB
470
      NO.5 BRNG INTER . SEAL
                               2319E N BBABBD
                                                        RHAR
                                                                     2
                               23DAG
ATD DIL SAMPLING VALVE
                                       BBABF
                                                        BBAR
                                                                     0
ATE STRAINER CIL RETURN
                               23DAX
                                       BBABG
                                                        BBAR
                                                                     2
                               23AEJ
ATO OIL FILTER DEAIN VALVE
                                       BBABH
                                                        BBAB
                                                                     0
A70 COVER ASSY HP OIL FILTER
                               23DAK
                                       BBABJ
                                                        BBAB
                                                                      6
ATO ELEMENT HP OIL FILTER
                               23DAJ
                                       RRABK
                                                        BBAB
                                                                     C
A 70 HOUSING ASSY HP DIL FILTER 230AH
                                       BRABL
                                                        BBAB
                                                                     0
ATO FILTER ASSY ENG OIL
                                                        BBAB
                               23008
                                       BBARM
                                                                     C
47" REAR SEAL OIL & AIP
                               23BC5
                                       BBARN
                                                        BBAB
                                                                      2
MAT MIL FEED TUBE
                               23 RCZ
                                       BRABP
                                                        BRAR
                                                                     5
47
   TIL XFER TURE
                               23 HCX
                                       BBABQ
                                                        BBAB
                                                                      3
THE CAR TIL FEED JUNCTION
                               23BCW
                                       BBABR
                                                        BRAB
                                                                      7
AT THE OTH RING SEAL
                               23PCU
                                       BBABS
                                                        BBAB
                                                                      2
AT THE TIL RING SEAL
                                       BBABT
                               23FCK
                                                        BBAB
                                                                      2
ATT HOL PIL FEED XEER TUBE
                               23 HFP
                                       BBABU
                                                        BBAB
                                                                      5
    THE PER TUBE & FILTER
                               23EFJ
                                       BBABV
                                                        BBAB
                                                                      5
   THE KEEP TURE HOUSING LPT
                               238HN
                                       RRABW
                                                        RRAR
                                                                      2
TUBE IPT REARING
                               23 PHK
                                       BBABX
                                                        BBAB
TURN TURE LP TURBINE
                               23PHJ
                                       BBABY
                                                        BRAR
                                                                      3
THE THE PARTY TURE & LINER
                                       BBABZ
                               23BHC
                                                        BBAB
   THE STATE OF SPEAKED
                                       BBAC
                                                        DZC
                                                               I BBAF
                                                                       AAAAAAAA
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1234567890123456789012345678901234567890123456789012.456789012345678901234567890
A70
      SCUKCE UNIT
                                233CA N BBACA
                                                         BBAC
      DETECTOR UNIT
                                233CB N BBACB
                                                          BRAC
                                                                       Λ
A 711
470
      INDICATOR
                                233CC N BBACC
                                                          BBAC
                                                                       3
                                233CD N BBACD
A 70
      INDICATOR HOUSING
                                                          BRAC
                                                                       0
470
      METER ASSY
                                233CE N BBACE
                                                          BRAC
                                233CF N BBACF
                                                          BBAC
A70
      POWER SUPPLY MODULE
470
      RATE METER MODULE
                                233CG N BBACG
                                                          EBAC
A70
      UIL DTY SW LIGHT MODULE
                               233CH N BBACH
                                                          BBAC
                                                                       3
      BYPASS INDICATOR LITE SW 231UL N BBACL
A70
                                                          BBAC
                                                                       0
A70 GIL CUP O'FLOW DRAIN
                                23AEK
                                        444CU
                                                          3BAC
                                120B0
                                        BRACW
                                                                       3
470 OIL GTY WARNING LIGHT
                                                          BBAC
A70 OIL DTY INDICATOR
                                23HCC
                                        BHACX
                                                          BBAC
                                                                       3
ATO OIL QTY DETECTOR UNIT
                                        BHACY
                                23HCB
                                                          BISAL
ATT OIL GTY SOURCE UNIT
                                                          BRAC
                                23HCA
                                        BRACZ
A70 MIL PRESSURE GENERATED
                                        BBAD
                                                          REAL
                                                                        FAAAAAAAAA
ATO ALL PRESSURE GENERATED
                                        BRAD
                                                          BRAB
                                                                         ΑΛΑΑΑΑΑΑΑ
170
      ENGINE OIL PUMP
                                231UA N BBADA
                                                          BBAD
      PRESS RELIEF VALVE ASSY 231UB N BRADB
                                                          BRAD
                                                                       3
570
47)
      PRESS REGULATOR VLV.ASSY. 231UC N BEADC
                                                          BBAD
                                                                       5
A70 HIGH PRESS OIL RELIEF VALVE23DAD
                                        BRADY
                                                          BHAD
                                                                       3
ATT TIL PUMP ASSY
                                                          BRAD
                                                                       5
                                        BBADZ
A79 OIL COOLED
                                        BBAE
                                                         BBAB
                                                                         555555555
      PRESSURE RELIEF VALVE
A 70
                                231UB N BBAEA
                                                          BBAE
170
      ASSOCIATED OIL FEED TUBE
                                231UG N BBAER
                                                          BRAF
                                                                       3
      FUEL/MIL COOLER
                                231UH N BBAEC
                                                          BBAF
                                                                       8
A 7
A70 OIL COOLER TUBING & FITTINS23DEC
                                        BBAEX
                                                          BHAF
                                                                       3
A 7D ENG GIL COOL RELIEF VALVE 23DEB
                                        BBAEY
                                                          BBAE
ATO FUEL CUOLED DIL COOLER
                                        BBAEZ
                                                          BBAE
A70 UIL SUPPLIED
                                        SHAF
                                                          BBAB
                                                                         ΔΔΔΔΔΔΔΔΔ
A7) TIL SUPPLIED
                                        BRAF
                                                          BRAC
                                                                        FAAAAAAAAA
      OIL SCAVENG GEARBOX TUBE 2310L N BBAFA
                                                          BBAF
470
410
      ASSOC DIL SCAVENGE TUBES 231UE N BBAFB
                                                          BBAF
                                231UJ N BBAFD
470
      UIL TANK
                                                          BBAF
                                                                       8
A 713
      ENG GIL FILLER CAP
                                231UR N BBAFE
                                                          BEAF
A70
      DIL PUMP CHIP DETECTOR
                                231UD N BBAFF
                                                          BRAF
                                                                       0
170
      SCAVENGE OIL PUMP
                                23152 N BBAFG
                                                          BBAF
                                                                       3
ATD ADAPTER ASSY OIL FILLER
                                23DAW
                                        BBAFL
                                                          EBAF
                                                                       0
                                        BBAFM
A7D FILLER ASSY TANK
                                23DAV
                                                          BBAF
                                                                       0
A70 HOUSING ASSY DIL FILLER
                                                          BBAF
                                                                       0
                                23CAU
                                        BBAFN
                                        BRAFP
                                                          BHAF
                                                                       0
A7D DIL TANK DRAIN PLUG
                                23ALH
ATD BALL DRAIN VALVE ASSY
                                230AT
                                        BBAFQ
                                                          BRAF
                                                                       0
ATO REAR OIL TANK COVER
                                23DAS
                                        BBAFR
                                                          BRAF
                                                                       0
A70 SEAT BALL CHK LOW TANK VALV23DAR
                                        BBAFS
                                                          BEAF
                                                                       1
A70 BALL VALVE UPPER VENT PIPE 23DAP
                                        BBAFT
                                                          BBAF
                                        RHAFU
                                                          BBAF
ATO OIL TANK DRAIN HOUSING
                                23DAN
                                                                       0
ATO SEAT BALL VALVE UPPER VENT 23DAM
                                        BBAFV
                                                          BBAF
                                        BBAFW
ATO TANK & FITTING ASSY DIL
                                23DAL
                                                          SPAF
                                                                       3
ATO TANK ASSY DIL
                                23DAF
                                        BBAFX
                                                          BRAF
                                                                       3
A70 PLUG MAGNET CHIP DETECT
                                        BRAFY
                                                          BBAF
                                23DAE
                                                                       0
ATO UIL FILLER CAP
                                230AA
                                        SHAFZ
                                                          BRAF
```

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
ATOTHPUST BEARING SEAL
                                23PEM
                                        BBAH
                                                         BBAB
A7DTHRUST REARING NO.5
                        HPC
                                23 PEH
                                                                       3
                                        BRAK
                                                          BRA
ATOTHRUST BEARING NO.4 LP
                                23 BE G
                                                          BBA
                                        HOAL
A TOROLLER BEARING NO. 3 HPC
                                23REC
                                        MAHH
                                                          HBA
ATEINNER BEARING LPC
                                23BC 8
                                        BBAN
                                23PC 7
A7DBFARING NO.2 LPC
                                        BRAP
                                                          BRA
ATDEEARING INNER RACE
                                23FC0
                                        BJAQ
                                                          SHA
A7DBEARING FRONT NO.1
                                23BCP
                                        HBAR
                                                          BBA
A 70 HUTER RACE RETAIN RING FRONT 23BCN
                                        BBAS
                                                          BPA
A70A VAULUS VANE HP TURBINE S-1 238GD
                                        RPAT
                                                          BBA
ATOHP TURBINE ASSY
                                23BGE
                                                          884
                                        BBAU
ATOTURBINE VANE CASE ASSY
                                238GG
                                        BBAV
                                                          884
                                23BGH
ATOTURBINE BLADE HPT
                                        BBAW
                                                         BBA
ATDAIR COOLING MANIFOLD
                                23 FGF
                                        BBAX
                                                          RBA
ATDESTOR ASSY LP TURBINE
                               238HA
                                        BBAY
                                                          BPA
ATDEATRING SUPPORT LP TURBINE
                                        SARE
                                                          BBA
                               23FJA
ATOSUPPORT & SEAL HPT BRNG REAM 236EN
                                        BBAZA
                                                          384
A 70 SUPPORT HPT BEARING
                                        B542B
                               23FGB
                                                          BEA
ATTIMULLER BEARING HPT NO.6
                                238GC
                                        BRAZE
                                                          BBA
A702 OLLER BEARING LPT NO. 7
                                23 PHD
                                                          ARA
                                        BBAZD
A70HOUSING ROLLER BEARING LPT
                               235HF
                                        BBALF
                                                          BBA
                                                         BBA
ATOSEAL HOUSING FLEX TAIL LPT
                               23EHF
                                        SPAZE
A TO SEARING SUPPORT & FITTING LP238HG
                                        BBAZG
                                                          384
AT DSUPPORT ASSY SEAL & NUTS
                               236HH
                                        BBAZH
                                                         BBA
A TUCUVER REAR LPT BEARING
                               23 PHL
                                        BRAZJ
                                                          484
A 70C DUPLING HP COMP FWD & REAR 23PDA
                                                         BUA
                                        BBAZK
                                                         RRA
A 7DC JUPLING HP COMP SHAFT
                               23F GA
                                        BEAZL
A 70LINER FLANGE LP TURBINE BRNG23FHM
                                        BBALA
                                                         ABB
A70LP TURBINE STIFF SHAFT
                                        SHAZN
                               235HB
                                                         BOA
ATDENGINE ACCESSORIES DRIVEN
                                        833
                                                         BAC
                                                                        FAAAAAAAAA
A7DENGINE ACCESSORIES DRIVEN
                                        313
                                                         BBU
                                                                        FAAAAAAAAA
ATDENGINE ACCESSORY DRIVE
                                        ARR
                                                         BC
                                                                        SAAAAAAAAA
A TUENGINE ACCESSORY DRIVE
                                        BAB
                                                          ATAU
                                                                        SAAAAAAAA
A TUENGINE ACCESSORY DRIVE
                                                         UHAB
                                                                        SAAAAAAAAA
                                        388
A 7DENGINE ACCESSORY DRIVE
                                                         CHBB
                                                                        SAAAAAAAAA
ATDENGINE ACCESSORY DRIVE
                                        888
                                                         UHCB
                                                                        SAAAAAAAAA
470
      INTERNAL GEARBUX ASSY
                                2310K N BBBA
                                                         BBB
A 70
      INT GRAX HOUSNG & FITING
                               23104 M 8888
                                                         DRB
                                                                       3
ATDDIFF.& BPNG HI-SPEED GEAR
                               23BEL
                                        BBBV
                                                         ABB
ATOLXTENSION LINK GEARBOX SUPP 238AB
                                        BBAW
                                                         888
ATDACCESSURY DRIVE O'BD DRAIN
                                        BBBX
                                                         PAH
                               234+4
ATOMAIN DIL GEAR DRAIN
                                23AEL
                                        BBBY
                                                         BBB
                               23REP
                                        3882
ATDINTERNAL GEARBOX ASSY
                                                         688
ATOLOW SPEED ACCESSORY DRIVE
                                        BBC
                                                          BACH
                                                                         AAAAAAAA
A7DLOW SPEED ACCESSORY DRIVE
                                        dit
                                                         BCC
                                                                        FILLLILLI
                               23102 N BHCA
470
      LOW SPEED DRIVE GEAR
                                                         BBC
17)
      LOW SPEED DRIVEN GEAR
                                23103 N BBCB
                                                         BAC
      LOW SPEED GEARBOX ASSY
                               231SA N BRCD
470
                                                         380
47)
      LOW SPEED BYL.GR.DR.SHAF. 23158 N BBCE
                                                         BHC
      LOW SPEED BYL DRIVE TUBE 23150 N BBCF
                                                         BBC
A711
```

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123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890
                                        BBCY
A7DLOW SPEED GEARBOX DRAIN
                                                         BBC
                               23AEG
ATTLOW SPEED GEARBOX ASSY
                                236BB
                                        BBCZ
                                                         BBC
470 HIGH SPEED ACCESSORY DRIVE
                                                         BAB
                                                                        FAAAAAAAAA
                                        BBD
A7D HIGH SPEED ACCESSORY DRIVE
                                        880
                                                         BACG
                                                                        FAAAAAAAA
                                                         BACJC
                                                                        FAAAAAAAA
A70 HIGH SPEED ACCESSORY DRIVE
                                        BBD
A7D HIGH SPEED ACCESSORY DRIVE
                                        880
                                                         BACI
                                                                        FAAAAAAAAA
ATT HIGH SPEED ACCESSORY DRIVE
                                        BBD
                                                         HBAD
                                                                        FAAAAAAAAA
                                                         BC
                                                                        SAAAAAAAA
A7DHIGH SPEED ACCESSORY DRIVE
                                        BBD
A7D HIGH SPEED ACCESSORY DRIVE
                                        BBD
                                                         BCC
                                                                        FAAAAAAAAA
                                                         BCCA
                                                                        FAAAAAAAAA
A70 HIGH SPEED ACCESSORY DRIVE
                                        BBO
A7DASCESSORY DRIVE
                                                         UATA
                                                                       . AAAAAAAA
                                        BBD
ATDACCESSURY DRIVE
                                        880
                                                         HAHL
                                                                         AAAAAAAA
A7DACCESSORY DRIVE
                                        BBD
                                                         UHBB
                                                                         ΔΑΛΛΔΑΔΑ
A7UACCESSORY DRIVE
                                        BBD
                                                         UHCR
                                                                         ΔΑΑΑΛΑΑΑΑ
ATO
      HI SPEED GEBX OUTER RACE 2310V N BBDA
                                                         BBD
470
      HI SPEED GRBX GRSHF BRNG 2310W N BBDB
                                                         BBD
      HI SPEED GRBX GEARSHAFT
                              2310X N BBDC
                                                         BBD
                                                                       A
470
A 70
         SPEED DRIHSNG SUPPORT 231DY N BBOD
                                                         BBO
                                                                       2
      41
                                                         880
      HI SPIED GREX DRVEN GEAR 23101 N BBDE
                                                                       A
470
470
      HI SPEED GEBX SUPP LINK 231SD N BBDF
                                                         BBD
                                                                       1
      HT SPEED GEARBOX ASSY
                                                         BBD
170
                                231SE N BBDG
470
      HI SPEED DRIVE QUILSHAFT 231SF N BBDH
                                                         BBO
      HI SPO AIR BLOWN SEAL
                                231SJ N BBDJ
                                                         BBD
                                                                       0
470
      ATR BLOW SEAL XEEK TUBES 2315M N BBOK
                                                         BBD
170
      HI SPEED GEARBOX COVER
                                231SN N BBDL
                                                         BBD
171
                                                         BBD
      SPIRAL PVL SHAFER REARNG 231SH N BROM
                                                                       8
477
470
      SPIRAL BEVEL SHAFTGEAR
                                231SK N BBON
                                                         BBD
      ACC OR GEARS AND BEARING 231SL N 980P
                                                         BBD
                                                                       A
A70
      HI SPO GRBX AIR BL. SEAL 231SP N 880Q
ATL
                                                         680
                                                                       1
A 70
      OVERBIARD PREATHER ELBUW 23150 N BBDR
                                                         BRI
      CTR.BRITHR SAFT AND ROTOR 231SR N BBDS
                                                         BBD
A70
                                                                       1
      IDLER GEAR AND BEARING
                                231SV N BBDT
                                                         980
                                                                       3
ATD
      MAIN DRIVE GEAR HI SPD
                                231SY N BBDTA
                                                         880
A7.
                                                                       Λ
A 70
      SPIKAL BEVEL DRIVE GEAR
                               23152 N BBDTB
                                                         BBD
      DIAPHRAM AND BEARING
                                231S1 N BBOTC
                                                         BBD
A 70
47)
      HI SPO GRBX HOUSING
                                23153 N BBUTD
                                                         BAD
      CHIP DETECTOR
                                23154 N BBDTE
                                                         BBD
                                                                       0
A 7
A70 HIGH SPEED GEAR BOX
                                23BBA
                                        BBDU
                                                         UHCB
ATOHIGH SPEED GEARBOX ASSY
                                23EBA
                                                         UHAB
                                        BRDV
A TUHISH SPEED GEARBUX ASSY
                                2388A
                                        BBOW
                                                         UHAR
ATCHIGH SPEED GEARBOX ASSY
                                2368A
                                        BBUX
                                                         UATA
A70HIGH SPEED GEARBOX ASSY
                                23HPA
                                        6BDY
                                                         BCC
ATOHIGH SPEED GEARROX ASSY
                                23BBA
                                        BBDZ
                                                         BBD
ATT COMOUSTION
                                        BC
                                                         BAC
                                                                        FAAAAAAAAA
                                                         88
                                                                         ΑΔΑΔΑΛΑΛ
A70 COMPUSTION
                                        BC
      COMB.LINER AND NOZZLE AS 231JA N
                                                         BC.
170
                                        BCAA
370
      COMBUSTION OUTER CASE
                               231JD N BCAB
                                                         BC
                                                                       A
      COMB.LINER PRI.AIR SCOOP 231JE N BCAC
470
                                                         BC
      COMB.LINER DISCHG.NOZZLE 231JF N BCAD
                                                         BC
                                                                       5
17)
      COMB.LINER
                                231JG N BCAE
                                                         BC
170
```

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123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890
                                                          BC
      SLIDING CONNECTOR
                                231JH N BCAF
47.
170
      FUEL TRANSFER TUBE, MAIN
                                231TR N BCAG
                                                          BC
                                                                        3
      FUEL TRANSFER TUBE, PILOT 231TS N BCAH
                                                                        9
A 7D
                                                          BC
473
      FULL SPRAY NOZZLE
                                231TT N BCAJ
                                                          RC
                                                                        1
171
      HP COMPRESSOR OUTER SEAL 231HD N BCAK
                                                          BC
ATO COMPRESSION
                                        BCB
                                                          P.C
                                                                          ΑΔΑΔΑΔΑΔΑ
ATH CHMPRESSION
                                                          BX
                                                                        FAAAAAAAAA
                                        BC.B
   INLET AIR STABILIZED
                                                          BCBAS
170
                                        BCBA
                                                                          111111111
                                231CA N BCBAAA
47
      SPHERICAL COUPLING LOCK
                                                          BCB
47
      LPC DRIVE SHAFT COUPLING 231CB N BCBAAB
                                                          BCB
17)
      LPC STAGE 2 BLADE
                                231CC N BCBAAC
                                                          BCB
                                                                        ٨
          STAGE 2 WHEEL
A 7
      LPC
                                231CO N BCBAAD
                                                          BCB
171
      LPC
          STAGE 3 BLADE
                                231CE N BCBAAE
                                                          063
      LPC
                                231CF N BCBAAF
                                                          BCR
17.1
         STAGE 3 WHEEL
      LPC STAGE 1 COUPLING
                                231CG N BCBAAG
                                                          BCB
471
      IPC
170
         STAGE 2 BLADE
                                231LH N BCBAAH
                                                          BCB
                                231CJ N BCBAAJ
470
          STAGE 2 WHEEL
                                                          BCB
                                231CK N BCBAAK
A70
      1 PC
         STAGE 1 BLADE
                                                          BCB
      IPC STAGE 1 WHEEL
470
                                231CL N BCBAAL
                                                          BCB
47)
      BLADE STOP PLATE
                                231AM N BCBAAM
                                                          BCB
      LP COMP HOUSING & VANE
                                231AN N BCBAAN
170
                                                          HCB
170
      SLADE SEAL & RETNG PLATE 231AP N BCBAAP
                                                          BCB
                                231AQ N BCBAAQ
      LP COMP BALANCE WEIGHT
ATD
                                                          BCB
A70
      LP COMP STG 2 IN RNG SEAL 23184 N BCBABA
                                                          BCB
                                231PB N BCBABB
      LP COMP STG 2 VANE
                                                          BCB
47)
470
       FWD LABYNTH FOTATE SEAL 2310C N BCBABC
                                                          AC.B
171
       FWD STATIC SEAL MEMBER 231QD N BCBABD
                                                          BCB
       FRONT RING SEAL HOUSING 2310E N RCBABE
470
                                                          BCB
      INTERMED. CASE FAIRING
470
                                231BF N BCBABF
                                                          PC3
       FWD RNG SL RETAIN PLATE 2310G N BCBABG
                                                          BCB
                                                                        2
17)
171
      LP COMP STAGE 1 CLAMP NUT 231AH N BCBABH
                                                                        8
                                                          BCB
                                231AJ N BCBABJ
      LP COMP BLADE
                                                          HCH
4/
470
      LP COMP WHEEL
                                23 LAK N BCBABK
                                                          BCB
      LP COMP STAGE 1 WHEEL
                                231AG N HCBABL
                                                          ACR
470
A70
        COMP INLET GUIDE VANE
                               231UF N BCBABN
                                                          BCB
470
      IP
        STAGE 1 VANE ASSY
                                2318J N BCBABP
                                                          BCB
170
      LP COMPRESSE DRIVE SHAFT 231GR N BCBABR
                                                          BCB
470
      IP COMPRESSOR SUPPORT
                                23104 N BCBADA
                                                          RCH
      HP COMP FRONT AIR BAFFLE 23108 N BCBADB
                                                          BCB
471
      HP COMP FRONT AIR HOUSING 2310Z N BCBADC
                                                          BCR
477
                                                          BCB
      HPC FRONT AIR SEAL
                                2310C N BCBADH
A75
470
      HP COMP CASE
                                231EA N BCBAFA
                                                          BCB
470
      HP COMP STAGE 1 VANE
                                231EH N BCBAEB
                                                          BCB
        COMP STAGE 2 VANE
                                231LC N BCBAEC
                                                          BCB
A 70
      HP
         COMP
              STAGE 3 VANE
                                231FD N BCBAED
                                                          BCB
170
      HP
         COMP
              STAGE 4 VANE
                                231EF N BCBAFE
                                                          BCB
      HP
470
      HP COMP STAGE 5 VANE
                                231EF N BCBAEF
                                                          BCB
170
      HP COMP STAGE 6 VANE
                                231FG N BCRAEG
                                                          RCB
470
470
      HP COMP STAGE 7 VANE
                                231EH N BCBAEH
                                                          HCB
470
      HP COMP STAGE 8 VANE
                                231FJ Y BCBAEJ
                                                          BCB
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こひこひこひひころ111111111222222222223333333344444444445555555556666666677777777777
1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901
      HP COMP STAGE 9 VANE
AZD
                                231EK N BCBAEK
                                                          RCB
      HP COMP STAGE 10 VANE
470
                                231EL N BCBAEL
                                                          BCB
      HP COMP STAGE 11 VANE
                                231EM N BCBAEM
A 71)
                                                          BCB
470
      HP COMP FRONT SHAFT
                                271FA N BCBAFA
                                                          BCB
170
      HP COMP AIR GUIDE TUBE
                                231FB N BCBAFB
                                                          BCB
      REAR SHAFT AND SLEEVE
                                231FC N BCBAFC
17)
                                                          BCB
      HPC STAGE 1 WHEEL/SHAFT
                                231FD N BCBAFD
470
                                                          BCA
                                231FE N BCBAFE
      HPC STAGE 1 WHEEL
                                                          BCB
170
      HPC STAGE 1 BLADE/RUSHNG 231FF N BCBAFF
A7D
                                                          BCB
      HPC STAGE 1 & 2 SPACER
A7D
                                231FG N BCBAFG
                                                          BCB
                                231FH N BCBAFH
      HPC STAGE 2 WHEEL
A70
                                                          BCB
A70
      HPC STACE 2 BLADE
                                231FJ N BCBAFJ
                                                          ACB
      HPC STAGE 2 & 3 SPACER
                                231FK N BCBAFK
                                                          BCH
470
      HPC STAGE 3 WHEEL
                                231FL N BCBAFL
ATD
                                                          BCH
      HPC STAGE 3 BLADE
                                231FM N BCBAFM
                                                          BCB
470
A7D
      HPC STAGE 3 & 4 SPACER
                                231FN N BCRAFN
                                                          BC3
                                231FP N RCBAFP
A 10
      HPC STAGE 4 WHEEL
                                                          BCB
      HPC STAGE 4 BLADE
                                231FQ N BCBAFQ
                                                          BCB
A71
      HPC STAGE 4 & 5 SPACER
                                231FR N BCBAFR
170
                                                          BCB
      HPC STAGE 5 WHEEL
                                231FS N BCBAFS
A70
                                                          BCB
      HPC STAGE 5 BLADE
                                231FT N BCBAFT
A 70
                                                          BCB
A 71
      HPC STAGE 5 & 6 SPACER
                                231FU N BCBAFU
                                                          BCB
      HPC STAGE 6 WHEFL
                                231FV N BCBAFV
170
                                                          BCB
      HPC STAGE 6 BLADE
                                231FW N BCBAFW
470
                                                          BCB
      HPC STAGE 6 & 7 SPACER
A70
                                231GA N BCBAGA
                                                          BCB
      HPC STAGE 7 WHEEL
170
                                231GB N BCBAGB
                                                          BCB
470
      HPC STAGE 7 BLADE
                                231GC N BCBAGC
                                                          BCB
170
      HPC.
          STAGE 7 & 8 SPACER
                                231GD N BCBAGD
                                                          BCB
      HPC STAGE & WHEEL
                                231GE N BCBAGE
470
                                                          ECB
175
      HPC STAGE 8 BLADE
                                231GF N BCBAGF
                                                          BCB
      HPC STAGE 8 & 9 SPACER
                                231GG N BCBAGG
A71.
                                                          BCB
      HPC STAGE 9 WHEEL
                                231GH N BCBAGH
177
                                                          PCB
                                231GJ N BCBAGJ
      HPC STAGE 9 BLADE
470
                                                          BCB
ATU
      HPC STAGE 9 & 10 SPACER 231GK N BCBAGK
                                                          BCR
470
      HPC STAGE 10 WHEEL
                                231GL N BCBAGI
                                                          BCB
      HPC STAGE 10 BLADE
                                231GM N BCBAGM
                                                          BCB
47
      HPC STAGE 10 & 11 SPACER 231GN N BEBAGN
470
                                                          BCB
      HPC STAGE 11 WHEEL
                                231GP N BCBAGP
470
                                                          BCB
      HPC STAGE 11 BLADE
                                231GO N BCBAGO
470
      SFAL PING CAPRIER
                                231HE N BCBAHE
                                                          BCB
470
A 70
      HPC STAGE 11 STIFNER PNL 231HF N BCBAHF
                                                          HCB
      FAIRING AND SEAL CARRIER 231HG N BCBAHG
470
                                                          BCB
      IGV HI SPD DRVE BYL GEAR 231DU N BCBAHU
470
                                                          BCBA
      IGV ACT. EXTERNAL LINKAGE 231YA N BCBAJA
170
                                                          BCBA
                                231YB N BCHAJR
170
                                                          BERA
      PLEED VALVE CYLINDER
      IGV SUPGE CYLINDER
                                231YC N BCBAJC
ATU
                                                          HCBA
      BLEED AIR TUBES
                                231YD N BCBAJD
A 70
                                                          BCBA
170
      AIRFLOW CONTROL REGULATOR 231YE N BCBAJE
                                                          BCBA
      IGV ACTUATOR INT LINKAGE 231YJ N BCBAJJ
£70
                                                          BCBA
470
      IC IMLET GUIDE VANE
                               231BH N BCBAJK
                                                          BCBA
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123456787012345678901234567890123456789012345678901234567890123456789012345678901234567890
      TRUNION CARRIER BENG SUP 2310H N BCBAJL
                                                        OCHA
      IGV PIVOT INNER RING
                               23100 N BCBAKO
                                                        r(BA
.70
      IGV PIVOT DUTER PING
                               2310F N BCBAKE
                                                        BCRA
174
      VA-BL VANE TRUNION CARRY 23106 N BCBAKG
                                                        BCBA
17)
                                                        BCHA
17
      IGV DUTER JOURNAL BEARNG 2310N N BCBAKN
                               2310P N BCBAKP
                                                        BCHA
170
      ICV CONTROL ARM STOP
A 7
      IGV ACT. SHAFT & LINK ASS. 2310Q N BCBAKO
                                                        ACHA
                                                        BCBA
470
      IGV MECHANISM CAMSHAFT 231DK N BCBAKR
      IGV MECHANISM LVR HOUSIG 231DS N BCBAKS
                                                        BCHA
470
ATDINET AIR STAB STTENUATION
                                       BCBAS
                                                        BCB
                                                                       111111151
ATO AIRFLOW CONTROL DRAIN
                               23AFC
                                       BCBAT
                                                        BEBA
ATO AIRFLOW CONTROL TUBES
                               23AF8
                                       BCHAU
                                                        AF )P
                               23AFA
                                                        HCHA
A70 AIRFLIN CONTROL ASSY
                                       BCBAV
A70 IGV SURGE CYLINDER ASSY
                               23AFG
                                       RCBAW
                                                        BEBA
ATO BLEED VALVE CYLINDER ASSY
                               23AFF
                                       BCBAX
                                                        RCHA
ATO BLEFO VALVE/IGV MECHANISM
                              23AFC
                                       BCBAY
                                                        ACRA
A70 INLET GUIDE VANE
                                       BCBAZ
                                                        BCHA
                               238EE
                                                                       22222223
A 7DINLET AIR INDUCTED
                                       BCBB
                                                        BCB.
                                       BCBB
                                                        BCHC
                                                                      FAAAAAAAA
ATCINLET AIR INDUCTED
                               23AGC
                                                        ACAR
4700 LTS STEIKER ATTACH
                                       BCBBA
A70
     ENGINE INLET ASSY
                               231AA N BCBBAA
                                                        H689
      LP COMP.AIR IN. EXTENSION 231AB N BCBBAB
470
                                                        Bulb
      SPINNER CAP
                               231AD N BCBBAD
                                                        3CHB
47
170
      SPINNER CAP SUPPORT
                               231AE N BCBBAF
                                                        BCHB
      LP COMP FRONT SUPPORT
                               231AF N HCBBAF
                                                        BCBB
3711
470
      LP COMP FORWARD CASE
                               231AL N BCBBAL
                                                        RUBB
ATOINTAKE SFAL STRIKER
                                                        acas
                               23AGB
                                       BCBBB
      PUTLET GUIDE BYPASS VANE 2318C N BCBBBC
                                                        BCBB
5 710
                               23180 N 3C8880
                                                        BCHR
      LP COMPRESSOR CASE
470
      INT. PRESS. DUT GUIDE VANS 2318G N BCEBBG
                                                        BCBB
ATOVANE ASSY IP COMP OUTLETGU. 23806
                                                        BCRR
                                       HCBBC
ATOPOTATE SEAL LABYRINTH LPCOMP238C6
                                       BCBBD
                                                        BCBB
471
                                                        BCAB
       FWD AIR XFER RING
                              2310H N BCBBDH
      REAR DUTE RACE RETORING 2310K N BCBBOK
                                                        BCBP
470
170
       REAR AIR TRANSFER RING 2310L N BCBBDL
                                                        BCBB
      PEAR ANG SEAL RETNG PLATE231QM N BCBBDM
                                                        BCBB
A 70
                               231QP N HCBBDP
      REAR RING SEAL HOUSING
                                                        BCBB
470
ATO
      REAR STATIC SEAL MEMBER
                               2310Q N BCBBDQ
                                                        BCHH
17:
      REAR LABYRINTH SEAL NO.1 2310R N BCBBDR
                                                        BCBB
                                                        BCBB
470
      STPIKER SEAL
                               239AA N BCBBDS
      STRIKER ATTACH BOLT
                               239AH N BCBBDT
                                                        ACHB
171
A TUROTOR & VANE MAIN LP/IP CUMP238C4
                                       BCBBE
                                                        BCBB
                                       BCBBF
                                                        8688
ATDFAIRING INTERMEDIATE CASE
                               23BC3
ATUGUTUE VANE BYPASS DUTLET
                                       BCBBG
                                                        BCRB
                               23BC2
470 CASE & VANE LP COMPRESSOR . 23BC1
                                       всввн
                                                        BC6B
ATE REAR DUTER RING
                               23BCY
                                       BCBBJ
                                                        BCAB
A70 REAR STATIC SEAL MEMBER
                                                        BCBB
                               23 BC V
                                       BCBBK
A7D PEAR RING SEAL HOUSING
                               23BCT
                                       BCBBL
                                                        8688
A7D RETAINER REAR RING SEAL
                               23BCS
                                       BCBBM
                                                        BCBB
ATO REAR AIR TRANSFER RING
                               23BCR
                                       BCBBN
                                                        BCBB
```

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123455789012345678901234567890123456789012345678901234567890123456789012345678901
A70 FRONT AIR TRANSFER RING
                                        BCBBP
                                                         BC3B
                               23RCM
A70 FRONT RING RETAINER PLATE
                               23BCL
                                        BC6BQ
                                                         BC53
A70 FRONT PING SEAL HOUSING
                               23BCJ
                                        BCBBR
                                                         BCBB
                                                                       1
A70 FRONT STATIC SFAL MEMBER
                                        BCBBS
                                                         PCB3
                               23BCH
A 70 FRONT SUPEFITTING LP COMP
                                        BCBBT
                                                         BCBR
                               23BCG
ATO TWO LP COMPRESSOR CASE
                               238CF
                                        BCBBU
                                                         BCBB
                                        BCBBV
                                                         BCBB
A70 BLADE LO COMP STAGE 1
                                23BCE
A70 LP COMP WHEEL STAGE 1
                               23BCD
                                        BCBBW
                                                         BC3B
470 SPINNER CAP HOUSING SUPPORT23BCC
                                        BCBBX
                                                         BCBB
ATT SPINNER CAP BAFFLE
                                        BCBBY
                                                         BCBB
                               23BCB
ATO SPINITE CAP
                                        BCBBZ
                                                         BCAB
                               238CA
ATOMYPASS AIR DUCTED
                                        BCBC
                                                         BC 36.7
                                                                         111111111
A 7 DAYPASS ATR DUCTED
                                        BCBC
                                                         ACC
                                                                         55555555
A7DEDSWARD BYPASS AIR DUCT
                                                         HCBC
                               23BAD
                                        BCRCA
470
      REAR GYPASS DUCT
                               231PA N BCBCAA
                                                         SCSC
      COOL AIR MANIFOLD/LINER
                               231JB N BCBCAB
                                                         BCBC
170
                                                         FCBC
170
      OUT GUIDE BYPAS FAIRING
                               231BF N
                                       BCBCAE
                                                         BCBC
470
      FORWARD BYPASS DUCT
                                231KM N
                                       BCBCAM
ATOREAR BYPASS AIR DUCT
                                        BCBCB
                                                         BCBC
                               233AE
ATTENUATION
                                        BCBCZ
                                                         AH
                                                                         111111111
                                                         PCB
ATO HI-PRESS COMP CASE & VANE
                               23BEK
                                        BCBW
A 10 KITTE HI-PRESS COMPRESSOR
                                                         BCB
                               238EF
                                        BCRX
ATO HPC SEM. HOUSING FRONT
                                        BCBY
                                                         HCH
                                236ED
A 70 INT COMPRESSOR SUPPORT
                                                         BCB
                                23BEA
                                        BCBZ
                                                         BADD
A7 YENG FUEL CONTROL/DISTRIBUTE
                                        BCC
                                                                       FAAAAAAAAA
ATGENG FUEL CONTROL/DISTRIBUTE
                                        BCC
                                                         BBAF
                                                                        F55555555
A70ENS FUEL CONTROL/DISTRIBUTE
                                        BCC
                                                         BC
                                                                        AAAAAAAA
                                        BCC
                                                         BCCX
                                                                         000000000
A70ENG FUEL CONTROL/DISTRIBUTE
ATO AUXILLIARY FUEL CONTROL
                                        BCCA
                                                         BCC
                                                                        ΑΛΑΑΑΑΑΑ
170 YUX FUEL CONTROL STATUS
                                        BCCA
                                                         DZCCC
                                                                       FAAAAAAAAA
171
      HI PRESS FUEL SHUTOFF
                                231TA N BCCAA
                                                         BCC
A70
      CENTROL CAMBOX
                                231VB N BCCAB
                                                         HCC
                                                                       A
                                231TC N BCCAC
11.
      ASSOCIATED DRAIN TUBES
                                                         BCC
47
      FUEL SHUTDEF VLV OPR ROD 231VA N BCCAD
                                                         BCC
                                                                       A
      INGINE CONTROL ADAPTER
                                234AE N BCCAE
                                                         BCC
                                                                       4
271
670
      COLD START FUFL VALVE
                                231TF N BCCAF
                                                         BCC
                                231TG N BCCAG
      LP GOVERNOR
                                                         HCC
171
:70
      ACCESSURY MOUNTING BRAKET 231VC N BCCAH
                                                         BCC
      FUEL MANIFOLD CONNECTOR
                                                         BCC.
477
                               231TQ N BCCAJ
17.
      MANUAL FUEL CONTROL
                               231TN N BCCAN
                                                         BCCA
      MAN. FUEL CONT. OPER. ROD
                               231VE N BCCAV
                                                         BCCA
                                                                       A
ATO MATHUAL FUEL CONTROL ASSY
                                23CAK
                                        HCCAZ
                                                         BCCA
ATEPRIMARY SUEL CONTROL
                                        BCCB
                                                         DCC.
                                                                        111111111
      MAIN CONT OPERATING ROD
171
                               231VO N BCCBD
                                                         HCCH
                                                         BCCB
      MAIN FUEL CONTROL
                               231TM N BCCBM
11,
ATOFUEL CONT LIMITER SOLENOID
                                        BCCBY
                                                         BCCB
                               99230
ATOMAIN FUEL CONTROL
                               23CAE
                                        BCCBZ
                                                         BCCB
A70THROTTLE MOVEMENT
                                        BCCC
                                                         HAFY
                                                                        FALLANAAAAA
AZOTHROTTLE MOVEMENT
                                                         BCC
                                                                        DEAAAAAAA
                                        BCCC
                                        BCCC
                                                         BFA
                                                                        FAAAAAAAAA
ATO THROTTLE POSITION
```

		-		555111111111111111111111111111111111111	7777777777
20000000001111111111222222222233	333333	33	4444444445555555	70001000000000	21214547026
123+567890123456789012345678901	234567	89			
A 70 THROTTLE MOVEMENT			BCCC	GAX	FAAAAAAAA
4/ THROTTLE QUADRANT ASSY	23444			BCCC	8
A7 PUSH PULL CONTROL ASSY	234AC			BCCC	5
A7) SUPPORT ASSY	234AD	N	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NA	BCCC	3
A 70 SUPPORT ASSY	SADC		BCCCU	BCCC	3
A7LPUSH/PULL CONTROL ASSY	SADB		BCCCV	BCCC	5
ATTACLL CRANK	9923F		RCCCM	BCCC	3
TPLINK ASSY	9923J		RCCCX	SCCC	8
A7ETHROTTLE QUADRANT ASSY	23ADA		BCCCA	BCCC	8
A7DTHROTTLE LEVER	9923H		BCCCZ	ACCC	5
ATOENGINE CONTROL ADAPTER	23ADD		BCCT	BCC	Δ
A THENGINE FUEL CONTROL CAM BOX	23CAJ		accu	BCC	Ċ
ATOVALVE COLD START	23CAN		BCCA	BCC	0
ATOMAIN/MAN FUEL CONTROL DRAIN	23VER		BCCW	BCC	?
ATO ENGINE FUEL VENT & DRAIN			BCCX	BC	300000005
A 70 FUEL DRAIN TANK ASSY	239DA	N	BCCXA	BCCX	3
ATT FUEL DRAIN LINE, ENGINE	239DB	N	RCCXB	BCCX	5
A7L PRESSURE VENT LINE	239DC	N	BCCXC	BCCX	1
A70 TANK/VENT MAST DRAIN LINE	23900	N	BCCXD	BCCX	3
170 SED. HOLDNG TANK DRN VALVE	239DE	N	BCCXE	вссх	0
A70 COMB CHBR FUEL DRAIN VLV	231JJ	N	BCCXJ	BCCX	3
A TOHP FUEL SHUTOFF VALVE DRAIN	23 AEE		BCCXU	BCC	2
A/C DRAIN VALVE HOLD TANK	23CBE		BCCXV	BCCX	0
A70 VENT MAST DRAIN LINE	23080		ACCXW	BCCX	3
A TU PRESSURE / VENT LINE	23CBC		BCCXX	BCCX	1
A70 ENGINE FUEL DRAIN LINE	23CBB		BCCXY	BCCX	5
A7D TANK ASSY FUEL DRAIN	23CBA		BCCXZ	BCCX	3
A70HP FULL SHUTOFF VALVE .	23CAH		BCCY	BCC	0
A TULOW PRESSURE GOVERNOR	23046		BCCZ	ACC	2
ATO YAW ADVISORY LIGHT	44BCD		BCEC	FCE	1
A70 FUEL TRANSFER TUBES LOEA	23CAL		acs	BC	9
A70 COMB CHAMBER FUEL DRAIN	23AEA		RCT	BCCX	3
ATO FUEL NOZZLES 10 EACH	23BFA		BCU	RC	1
A70 FUEL VALVE RELIEF DRAIN ST			BCV	RCCX	2
A7D COMB. DRAIN VALVE SPRING	23BFD		BCW	BCCX	1
A70 CPMB. DRAIN VALVE	23BFC		BCX	вссх	3
ATO COMBUSTION CASE OUTER	23BFF		BCY	BC	Δ
A70 COMBUSTION LINER 10 FA	238FB		BCZ	BC	1
ATO ENGINE THRUST TRANSMITTED	250.0		BU	В	14444441
A70 LH ENGINE FRONT MOUNT	231ZA	N		HD	3
A 70 RH ENGINE FRONT MOUNT	23128			80	3
ATO LH FWD SPHRICL BRNG PLATE	The same of the sa			80	í
ATE LH SPHERICAL BRNG BEARNG				BD	2
ATO LH FWO ENG MT TRUMION			BDAE	RD	3
ATO RH EWD SPHECE BENG PLATE		150		BD	1
A70 FH TRUNION LOCK RING	23126			BD	i
				BD	2
A7D RH FWD SPHERICAL BEARING				BD	3
A70 RH FWD ENG MOUNT TRUNION				80	
A70 REAR LINK SUSPENSION ASY					2
ATO ENG REAR SUSPENSION BOLT	13171	IN	DUAL	80	6

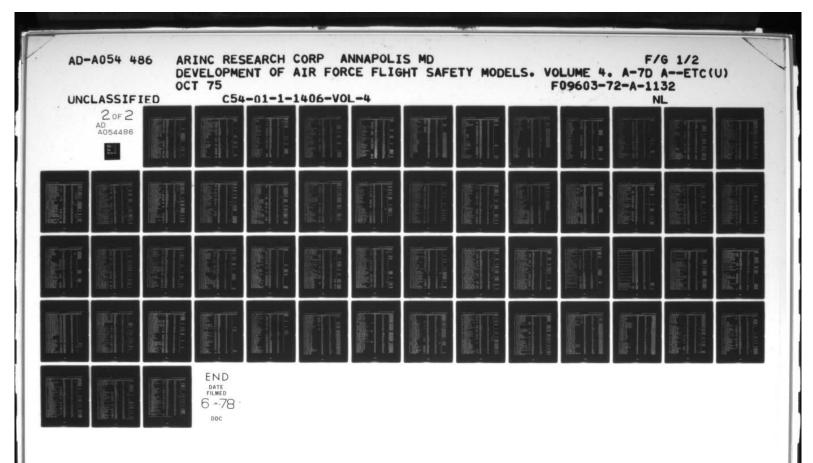
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1274567890123456789012345678901234567890123456789012345678901234567890123456789012345678901
      ENG REAR SUSPENSION LINK 231ZM N BOAM
17.
                                                         BD
170
      REAR FR SUSPEN SUPPORT
                               231ZN N BOAN
                                                          BD
17
      LH SUPP.AIRERAME TRUNION 23540 N BOAP
                                                          BD
47
      AIRERAME TRUNTON FH
                                215AA N BDAQ
                                                          BD
                                235AB N BUAR
470
      RH ENGINE ATTACH BOLT
                                                          BD
      AIRFRAME ATTACHMENT BOLT 25584 N BOBA
                                                          BL
470
470
      FRIINT WASHER
                                235BB N BOBB
                                                          BD
      PEAR WASHER
                                235BC N BDBC
                                                          90
                                                                       0
170
      ATREKAME ATTACH NUT
170
                                23560 N BORD
                                                          130
ATO PEAR FRAME SUSPENSION SUPP. 234CE
                                                                       3
                                        BUL
                                                          RD
A70 REAR COLLAR REAR ENG SUSP 23ACO
                                                          80
ATO FRONT CULLAR REAR ENG. SUSP 23ACC
                                        BON
                                                                       3
                                                          BD
A7D ENGINE ATTACH BOLTS
                                23ACB
                                        BUP
                                                          BD
ATOLH AFT REAR SUSPENSION ASSY 23ACA
                                        BDQ
                                                          BD
A70 LH ENGINE MOUNT TRUNKION
                                                          80
                                                                       3
                               23ARE
                                        SOR
A70LH TRUNIEN RETAINER PLATE
                                        BDS
                                                          30
                                                          CD
ATO LH SPHER ENGINE MOUNT B " NG 23ABB
                                        BOT
                                                                       2
ATT LH TRUNNION SUPPORT MOUNT
                               23481
                                        300
                                                          60
ATO ENGINE MOUNT TRUNNION
                                                          P.D
                                23/11
                                        BDV
ATO TRUNNION RETAINER PLATE
                                CLAES
                                        BDW
                                                          BD
AZE SPHERICAL TRUNNION BEARING 23AAC
                                        KUE
                                                          BU
170 ENGINE ATTACH. BULTS X EA 23AAB
                                        BDY
                                                          80
A TO RH TRUNNION SUPPORT MOUNT
                                        BOZ
                                                          PD
A70 ENGINE FUEL FEED
                                                          BACG
                                        BFA
                                                                         AAAAAAAA
ATO ENGINE FUFL FELD
                                        BFA
                                                          SACL
                                                                        FAAAAAAAAA
                                                          BEX
                                        RFA
                                                                        FAAAAAAAAA
A7D FNGINE FUEL FEED
A70 ALTERNATE FUEL FEED SELECT
                                        BFAA
                                                          BERF
                                                                        FAAAAAAAAA
ATO ALTERNATE FUEL FEED SELECT
                                        BFAA
                                                                         AAAAAAAAA
                                                          BECA
                                        SFAA
A70 ALTERNATE FEED SELECT
                                                          BECOW
                                                                        FAAAAAAAAA
                                        RFAA
A76 ALTERNATE FUEL FEED SELECT
                                                          BFK
                                                                        FAAAAAAAAA
A70 ALTERNATE FUEL FEED SELECT
                                        BEAA
                                                          PFI.
                                                                        FAAAAAAAAA
      THROTTLE QUADRANT ASSY
                                234AA N
                                        SFAAA
                                                          RFA
ATL
                                        BFAU
                                                          BF 4
470
      CONTROL ASSY
                                ACAFE
      PUSH-PULL CONTROL ASSY
                                46 AHA
                                        BFAV
                                                          OFA
171
                                45AFE
                                                          BFA
      MAN FUEL SHUTOFF VALVE
                                        BFAW
A 70
                                        BFAX
                                                          BFA
175
      MAIN QUIK DIS-CONNECT
                                40AFK
473
      FUEL LINE CHECK VALVE
                                40 AFM
                                        BEAY
                                                          BFA
      ENGINE FUEL LINE
                                46AFJ
                                        BFAZ
                                                          BFA
170
ATD FUEL PRESS DIFRNTL MAINING
                                        BFB
                                                          BFA
                                                                         ΑΑΑΑΑΑΑΑΑ
ATO FUEL VENTED
                                        BERA
                                                          RFR
                                                                         ΛΑΑΛΑΛΛΛΑ
A79 FUEL VENTED
                                        BFBA
                                                          BECG
                                                                        F3333333333
                                                          BECM
                                                                        F333333333
A70 FUEL VENTED
                                        BFBA
470 FUFL VENTED
                                        BFBA
                                                          BECN
                                                                        F333333333
                                                          BECP
A70 FUEL VENTED
                                        BEBA
                                                                        F33333333
ATL FUEL VENTED
                                        BFBA
                                                          BFF
                                                                        F333333333
ATC FUEL VENTED
                                                          RFER
                                        BFBA
                                                                        F333333333
                                                          HEBA
471
      FUEL VENT LINES/FITTINGS 9946R
                                        BFBAW
                                                          BERA
      FUSFLAGE VENT MAST 2EA
                              99460
                                        BFBAX
170
                                                                       8
171
      FWD FUSE TANK CHECK VALVE46CAB
                                        BFBAY
                                                          BEBA
                                                                       0
      MID/AFT VENT CHECK VALVE 46CAR
475
                                        BFBAZ
                                                          BERA
```

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123456789212345678901234567890123456739012345678901234567890123455789012345678901
ATP GRAVITY PRESSURE EMPLOYED
                                                           BF 3
                                         BFBB
                                                                           000010000
                                         REBC
                                                           BFB
ATO PUMPED PRESSURE DISTRIBUTED
                                                                          111111111
ATO PUMPED PRESSURE DISTRIBUTED
                                         SERC
                                                           BERE
                                                                          FAAAAAAAAA
ATO PUMPED PRESSURE DISTRIBUTED
                                         BFBC
                                                           BECJ
                                                                         FAAAAAAAAA
ATO PUMPED PRESSURE DISTRIBUTED
                                         BFBC
                                                           RECL
                                                                         FAAAAAAAAA
ATO COMBAT FEED SELECTED
                                         BFBU
                                                           BFBB
                                                                          AAAAAAAA
   SUMP TANK MOTIVE FLOW
                                         BEBE
                                                           BEG
                                                                           000000000
A 71
      SHMP TANK DUAL EJECTOR JT46AEF
                                         BFBEZ
                                                           BEBE
471
470
   TANK MOTIVE FLOW TRANSFER
                                         BERE
                                                           BEBE
                                                                          ΔΔΔΔΔΔΔΔΔ
1711
   TANK MOTIVE FLOW TRANSFER
                                         BERE
                                                           BECA
                                                                          SAAAAAAAAA
   TANK MOTTVE FLOW TRANSFER
                                                                         FAAAAAAAAA
4711
                                         BFBF
                                                           HECJ
                                                           RECL
171
    TANK MOTIVE FLOW TRANSFER
                                         SFRE
                                                                          FAAAAAAAAA
17)
      FUEL TRANSFER MANIFOLD
                                46BPF
                                         BEBER
                                                           BFBF
      CHECK VALVE
                                46 BBC
                                         REBES
                                                           BEBE
170
170
      DUTCK DISCONNECT
                                46FBB
                                         SFBFT
                                                           REBE
                                                                         3
470
      EMER WING XFER SEL VALVE
                                                           BERF
                                46 BBA
                                         REBEIL
                                                                         ٨
170
      BY-PASS XFER SEL VALVE
                                46PBA
                                                           BFBF
                                         BEREV
      WING XFER SFLECT VALVE
170
                                46.BBA
                                         BEBEW
                                                           BERF
A 7D
      FUEL XFER SWITCH
                                46FDE
                                         BEBEX
                                                           BEBE
                                                                         8
      FUEL CONTROL PANEL
A 7 ...
                                46PDD
                                         REBEY
                                                           RERE
                                46PPC
171
      FUEL XFER CONTROL
                                         BEREZ
                                                           BERF
17
    AUTOMATIC FLOW TRANSFER
                                         BFBG
                                                           BFBF.
                                                                          111111111
      THERMISTOR AFT THE NO.2
                                46BDF
171
                                         BFBGY
                                                           SEEG
      THEPMISTOR RH FWD NOT
                                46PDA
                                         BFBGZ
                                                           HFHG
AT.
                                                           BEBE
ATT EMERGENCY WING FUEL XFER
                                         PERH
                                                                  K BEBG
                                                                          AAAAAAAA
    EMERGENCY WING FUFL XFER
                                                                         FAAAAAAAAA
7711
                                         BERH
                                                           BFK
                                46PFF
       FILEL XFFR SWITCH
171
                                         BEBHA
                                                           DE BH
                                                                        Δ
475
       EMER WING XFER SEL VALVE46PBA
                                         BERHB
                                                           BEBH
                                                                        A
17
    FUEL QUANTITY INDICATED
                                         BFBK
                                                           BFBL
                                                                           ΔΔΑΔΑΔΑΔΔ
      FUEL OTY IND SWITCH
                                46FBL
                                         BERKD
                                                           BFBK
470
173
      SIMULATOR CIRCUIT CAPD
                                46FAH
                                         BERKE
                                                           RFBK
      EXT FUEL OTY SIMULATOR
                                46FAG
171
                                         BERKE
                                                           SFBK
                                                                        C
17:
      FUEL GTY PROBE/XMTR 4EA
                                46EBU
                                         BFBKG
                                                           BEBK
                                                                        1
      LI FUEL COMPENSATOR
                                46FBH
                                                           RERK
17
                                         BEBKH
                                                                         2
470
      WING THE XMTR CENTER AFT 46FBG
                                         BEBKJ
                                                           BERK
170
      HI IG THE XMTR CENTER FWD 46FBF
                                         3FBKK
                                                           BFBK
470
      WING THE AFT IBD XMTP 25446FRE
                                         BEBKL
                                                           FFAK
171
      WING THE AFT OBD XMTR 25A46FBD
                                         BEBKM
                                                           PESK
      WING THE FWD IBD XMTR 21A46FBC
                                         SFRKN
47.
                                                           SFRK
170
      WING THE FWD MID XMTR 2EA46FBB
                                         BFBKP
                                                           BFBK
      WING THE FWD OBD XMTR 2LA46FHA
175
                                         BEBKO
                                                           BFISK
177
      MID THE AFT OTY XMTR ZEA 46FAL
                                         BFBKR
                                                           BERK
                                                                         1
      AC FUEL GTY INDICATOR
                                                           PFRK
170
                                40FAH
                                         BEBKS
                                                                         3
471
      COMPENSATOR FWD TANK ZEA 46FAG
                                         BFBKT
                                                           HERK
                                                                         1
A 70
      COMPENSATOR MAIN FUEL INDAGFAF
                                         BEBKU
                                                           HFKK
A 71
      UPPER AFT TANK QTY XMTR 46FAE
                                         BFBKV
                                                           BEBK
471
      MIT-THE FWD QTY XMTR 2EA 46FAD
                                         BFRKW
                                                           BEBK
170
      SUMP TANK OTY XMTK
                                46FAC
                                         REBKX
                                                           BEBK
      FW) TANK AFT QTY XMTR ZEA46FAB
470
                                         BFBKY
                                                           BECK
      FWD TANK OTY XMTR 2 EACH 46FAA
                                         BEBKZ
471
                                                           REBK
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12345578901234567890123456789012345678901234567890123456789012345678901234567890123456789
A70 PILOT ACTION
                                         BERL
                                                           EF3H
                                                                          AAAAAAAA
A70 PILOT ACTION
                                         PFBL
                                                           BECB
                                                                         FAAAAAAAAAA
47)
                                         BERM
                                                           BEBL
                                                                          111111111
    FUEL LOW WARNING
47)
      LIGHT LOW LVL SUMP TANK
                                12680
                                         AFBMV
                                                           BFLM
                                         BEBMW
                                                           BFBM
                                12090
                                                                        2
      LIGHT LOW LVL FWD TANK
47
470
      CNTRL DUAL THERM SENSING 40FCB
                                         BFRMX
                                                           BFBM
                                                                        Λ
                                         SEBMY
                                                           BEBM
      SUMP TANK THERMISTOR
470
                                46F(C
470
      LH FWD THEMRISTOR NO.3
                                46FCA
                                         BEBMZ
                                                           BERM
                                                           PFA
A70 CONSTANT FUEL SUPPLY MAINTD
                                         BFC
                                                                          AAAAAAAAA
47.
    EMERGENCY FUEL SUPPLIED
                                         BECA
                                                           BFC
                                                                  K BFO
                                                                          ΛΑΑΛΑΑΑΑ
A71
      CHECK VALVE
                                46BFC
                                         RECAU
                                                           BECA
      MANIFOLD XFER FUEL TEF
170
                                46ELM
                                         BECAV
                                                           BECA
                                                                        3
470
      FUEL CROSS XFER TUBE
                                         BECAW
                                                           BFCA
                                46BFL
                                                           BECA
A7 1
      SHUT OFF LEVER ASSY
                                         BECAX
                                                                        ۸
                                46EED
      MANUAL SHUT-OFF VALVE ME
                                         BECAY
                                                           BECA
470
                                46BEB
                                         BFCA7
                                                           BECA
470
      MANUAL FUEL SELECT VALVE 46PFA
470
    FUEL FEED MODE SELECT
                                         BECB
                                                           BFAA
                                                                         FAAAAAAAAA
   FUEL FEED MODE SELECT
                                         BECB
                                                           BERD
                                                                         FAAAAAAAAA
A10
                                         AFC8
                                                          HEC
                                                                         555555555
   FUEL FEED MODE SELECT
A7. FULL FEED MODE SELECTED
                                         BECB
                                                           RFO
                                                                         FAAAAAAAAA
                                         BECRW
                                                           BECB
                                                                          111111111
A70 ALT MODE INDICATED
                                         3FC8X
                                                           BECSA
470
      ALT FEED COUTION LIGHT
                                46HFK
                                         BECBY
                                                           BECS
      PUSH PULL CONT ASSY
470
                                46BLG
470
      SELECTOR ASSY HANDLE
                                46EFF
                                         BFCBZ
                                                           OFCB
A70 FWU TANK TO SUMP FEED
                                         BFCC
                                                           BF)
                                                                          1111111111
A 70 FWD TANK TO SUMP FEED
                                         BFCC
                                                           BFOC
                                                                         F111111111
                                                           BECC
A70
      FWD TANK/SUMP LINES/FITT 9946N
                                         BFCCX
                                                                        5
470
      LH FND TANK CHK VALVE
                                46 AAR
                                         3FCCY
                                                           SECC
                                                                        1
      RH FWD TANK CHK VALVE
                                         BFCCZ
                                                           BECC
470
                                46ACB
                                         BECD
    MID-FUSELAGE TO SUMP FEED
                                                           BEO
470
                                                                          111111111
    MID-FUSELAGE TO SUMP FEED
470
                                         BECD
                                                           SFUD
                                                                         F111111111
A70
      MID-TANK TO SUMP LINES
                                9946J
                                         RECDX
                                                           BECD
                                         BFCDY
                                                           BECD
470
      LH MID-FUSELAGE CHK VALVE 46ABB
                                         BECDZ
                                                           BECD
170
      RH MID-FUSELAGE CHK VALVE46ADB
4711
    WING TANK TO SUMP XFER
                                         BFCE
                                                           BFO
                                                                          111111111
                                                           BECE
       WING THK-SUMP LINES FITT9946W
                                         BFCEZ
17"
                                         BFCF
                                                           BFO
A7D AFT TO SUMP TANK XFFR
                                                                          111111111
      AFT TO SUMP AFER FITTINGS9946E
                                         BFCFY
                                                           BFCF
470
                                         BECEZ
                                                           BECE
      FUEL XFER LINES/FITTINGS 9946D
0.70
                                                                        3
                                         BFCG
                                                           BFRG
ATREMO FUEL CONTAINED
                                                                         FAAAAAAAAA
                                         BFCG
                                                           BECC
                                                                          AAAAAAAA
A70 FWD FUEL CONTAINED
470
      LH FWD TANK LINES/FITTING9946M
                                         BFCGS
                                                           BECG
471
      LH FWD TANK BAFFLES
                                46AAF
                                         BECGT
                                                           BECG
                                                                        O
                                         BFCGU
                                                           BECG
170
      LH FWD TANK RESTRICTOR
                                40AAA
                                                                        1
                                46AAC
                                         BFCGV
                                                           BECG
A71)
      LH FWD FUEL TANK
                                         BECGW
                                                           BFCG
171
      RH FWD TANK LINES/FITTING9946L
                                                                        5
                                         RFCGX
A.71.
      RH FWD TANK BAFFLES
                                46ACF
                                                           BECG
                                                                        0
                                                           BECG
                                         BFCGY
470
      RH FWD TANK RESTRICTOR
                                46ACA
                                                                        1
A70
      RH FWD FUEL TANK
                                46ALC
                                         HFCGZ
                                                           SFCG
470
     AFT MOTIVE FLOW
                                         BFCJ
                                                           BESE
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255 0000 20111111111122222222233	3333333	344444444455555	5555666666666	67777777778
12 14507 390123456789012345678901				
A78 AFT TANK MOTIVE FLOW		BFCJ	8FL	88888888
A 70 MOTIVE FLOW INPUT LINE	99460	BFCJX	BECJ	8
ATO MOTIVE FLOW X-OVER LINE	99468	BFCJY	BFCJ	2
ATO AFT TANK JET EJECTORS 284	446BCA	BFCJZ	BECJ	5
A70 WING MOTIVE FLOW		BFCL	BFCE	F 55555555
A70 WING MOTIVE FLOW		BFCL	BFK	77777777
A 70 METIVE FLOW INPUT LINE	9946H	BFCLX	BFCL	8
ATO RIGHT JET EJECTOR PUMP	46BAB	BFCLY	BFCL	5
A 70 LEFT JET EJECTOR PUMP	468A8	BFCLZ	BFCL	5
ATH WING FUEL CONTAINED		BFCM	BECE	AAAAAAAA
ATD WING FUEL CONTAINED		BECM	BFK	ΔΑΔΑΔΑΔΑ
ATE WING TANK BAFFLING	466AJ	BECMW	BECM	0
ATT WING TANK CHECK VALVE	46BAD	BFCMX	BFCM -	1
ATO WATER DRAIN VALVE	46EAH	BECMY	BECM	0
A70 WING TANK INSTALLATION	46 BAO	BFCMZ	BFCM	Д
ATT AST FUEL CONTAINED		BECN	BFCF	ΑΔΑΔΑΔΔΔ
ATD AFT TUEL CONTAINED		BECN	6FL	AAAAAAAA
A 7D AFT TANK HAFFLES	46BCH	BFCNX	BECN	0
ATO AFT TANK CHECK VALVE 2EA	46BCC	BECNY	BFCN	1
AFT FUEL TANK	46 BCD	BFCNZ	BECN	Α
170 MIN-FUSE FUEL CONTAINED		BFCP	BFCD	ΑΑΛΛΛΛΑΑ
170 MID-TANK LINES/FITTINGS	9946K	BECPV	BFCP	8
A7. RH MID-TANK PAFFLES	46ADE	BFCPW	HECP	0
A 70 PH MID FUEL TANK	46ADA	BFCPX	BECP	5
ATO LH MID-TANK BAFFLES	46APE	BECPY	BECP	0
A 7.0 LH MID FUEL TANK	4646A	BFCPZ	RECP	5
A70 EXTERNAL FUEL STORED /XFFR		BFD	BFC	\$301000000
A 70 EXTERNAL FUFL STORED /XFER		BFD	BFCG	F111111111
A 7D EXTERNAL FUEL STORED /XFFR		RFD	HECM	F111111111
ATO EXTERNAL FUEL STORED /XFER		BFD	BECN	F111111111
A 7D FXTERNAL FUEL STORED /XFER		RED	BECP	F111111111
A70 STATION 1 FUEL STORED		BFDA	RFD	22222222
470 MAU-12 ELECTRIC HARNESS	75BBC	BEDAV	BFDA	1
A70 MAU-12 SUPPORT	75EBA	BEDAW	BFDA	5
A7U MAU-12 RACK	75AC0	BEDAX	BEDA	8
ATE EXT TANK 300 GAL	46FB0	BFDAY	BEDA	A
A70 PYLON DISCNX VALVE	45FAL	BEDAZ	BEDA	2
A70 STATION 3 FUEL STORED	35005	BFOR	BFD	22222222
A7) MAU-12 ELECTRIC HARNESS	7580C	BFDBV	8F08	l c
ATT MAU-12 SUPPORT	75RDA	BFDBW	REDR	5
A70 MAU-12 RACK	75AC0	BFDBX	BEDB BEDB	
A7D EXT TANK 300 GAL	46EB0	BFDBY	BFDB	Δ
A7D PYLON DISCNX VALVE A7D STATION 6 FUEL STORED	46FAF	BFOB Z BFDC	BFDB BFD	222222222
A7D MAU-12 ELECTRIC HARNESS	75BDC	BFDCV	BFDC	1
	758DA	BFDCW		5
A7D MAU-12 SUPPORT A7D MAU-12 RACK	75ACQ	BFDCX	BFDC BFDC	8
ATD FXT TANK 300 GAL	46FPO	BEDCY	BFDC	A
A7D PYLON DISCNX VALVE	46EAE	BFDCZ	BFDC	2
A7D STATION & FUEL STORED	TOLAL	BEDD	8FD	227222222
ATO STATION STORED		01.00	010	22122222

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123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890
471
      MAU-12 ELECTRIC HARNESS
                                7516C
                                        BFDDV
                                                          BFDD
1.71
      MAU-12 SUPPORT
                                75BBA
                                                          BEDD
                                        BEDDW
                                                                        5
171
      MAU-12 RACK
                                754C0
                                        BEDDX
                                                          SEDD
      FXT TANK 300 GAL
                                                          BEUD
                                40 FFC
471
                                        BFDDY
                                                                        Δ
47
      PYLON DSCNX VALVE
                                40FAt
                                        BEDDZ
                                                          HEDD
A71
   AIRCRAFT RE-FULLED
                                                          BFCG
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                                        BFE
    AIRCRAFT RE-FUELED
                                        BFE
                                                          BFCM
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47) AIRCRAFT RE-FUELED
                                                          BECN
                                        BFF
                                                                         F22222222
ATT AIRCRAFT RE-FUELED
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                                                          BECP
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A70 AIRCRAFT RE-FUELED
                                        BFL
                                                          BED
                                                                         F 222222222
A70 MIRCRAFT RE-FUELED
                                        BFE
                                                          BFQ
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ATO GROUND REFUEL
                                        BFEA
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                                                                          000000000
A 70
      EXT THE FILLER 4FA
                                46 FBA
                                        BFEAK
                                                          BEFA
470
      EXT THE STOP CHE VALVE
                                                          PFF
                                40 EATI
                                        BFEAL
      EXT THE STOP CHE VALVE
                                                          SFF
471
                                45 FAC
                                        BFEAM
      EXT THE STOP CHE VALVE
470
                                46EAB
                                        BFEAN
                                                          SFF
470
      EXT THE STOP CHE VALVE
                                451 AA
                                        HFEAP
                                                          HEI
170
      GND FUEL MAN CHECK VALVE 458CE
                                                          BFLA
                                        BEEAS
4.713
      ALT TANK FILLER LANYARD
                                9946P
                                        SFEAT
                                                          BFEA
470
      AFT TANK FILLER CAP
                                40FCH
                                        BFEAU
                                                          SFFA
      VING TANK FILLER CAP
A7L
                                40BAE
                                        BFEAV
                                                          BFEA
      MAN DEFUEL CHK VALVE OPEN45AFM
470
                                        RFFAW
                                                          BFEA
270
      MAN DEFUFL CHK VALVE CLSD46AFL
                                        BFLAX
                                                          BFFA
                                                          BFEA
170
      SECUND MANUAL PRECHK VALV46AFD
                                        BFEAY
47
      PRIMARY MANUAL PRECHK VALAGAEC
                                        BEFAZ
                                                          BFEA
A70 ATR REFUELED
                                        BFEB
                                                          BFE
                                                                          CCCAAGOO
477
    AIR PEFUEL CONTROLLED
                                        BEEC
                                                          BELB
                                                                          AAAAAAAAA
      MA-2 PROBE ACTUATOR
                                        BFECM
170
                                46[86
                                                          BILC
      MA-2 PEFUEL VALVE SELECT 460EA
                                        BEECN
                                                          BEEC
47
171
                                46 GC M
                                        BEECP
                                                          SFEC
      AMPLIFIER SWITCH
      INDUCTION COIL
                                                          BFEC
75
                                46CC1
                                        BFECQ
470
      RELAY AMPLIFIER
                                460CK
                                        BFLCR
                                                          SFEC
      SIGNAL AMPLIFIER
                                                          PFEC
470
                                46 GC J
                                        BFECS
171
      PE.SET SWITCH
                                46CCH
                                        SFECT
                                                          BFEC
471
      REFUEL ADVISORY LIGHT
                                46 GCF
                                        SFECU
                                                          BFEC
A 70
      DIS-CNX PRESSURF SWITCH
                                45CCE
                                        BFECV
                                                          BFEC
170
      SLIPHAY CLOSED IND SWITCH46GCD
                                        BFECW
                                                          BFEC
      ON. LOAD READY SWITCH
170
                                                          BFEC
                                466CC
                                        HEECX
      NOZZLE CONTACT SWITCH
                                                          BFEC
A7L
                                4666 0
                                        BFECY
                                46GCA
                                        BFECZ
                                                          BEEC
      REFUEL CONTACT SWITCH
A 70
A70 AIR REFULL MECH. ENARLED
                                        BFED
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                                                                          ALAAAAAAA
ATTREFUELING ACTUATION
                                        BEED
                                                          LHN
                                                                          ΔΑΔΑΔΑΔΔ
      MA-2 REFUEL CHECK VALVE
                                45LAU
                                        BFEDK
                                                          BFED
570
      MA-2 AR JOINT SWIVEL
470
                                46 DAC
                                        BFEDL
                                                          BFED
170
      MA-2 REFUEL PROBE ASSY
                                46.DAH
                                        BEEDM
                                                          BEED
170
      MA-2 NOZZLE ASSY
                                4CLAA
                                        BFEDN
                                                          BEED
      AR DOOR ACTUATING SWIVEL 46GBE
                                                          BFED
1711
                                        BFEDP
                                        BFEDQ
      LUCK VALVE ACTUTH SOLNO 46660
410
                                                          BFED
      HYD RECEPTALE LUCK ACTUTE 46GPC
                                        BFEDR
                                                          BFED
477
      MANUAL SFLECTOR VALVE
171
                                46 CE 6
                                        BFEDS
                                                          BFED
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12 - 45 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5
                                                                                                               BEFD
           RECEPTACLE DOOR ACTUATOR 46GFA
                                                                             RFEDT
           PECCPTACLE DOOR
                                                             46GAC
                                                                             BFEDU
                                                                                                               PFFD
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17
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           RECEPTACLE CHECK VALVE
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           AR RECEPTACLE
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17
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47
           BELL CRANK
                                                            46 CDC
                                                                             BFEDX
            PUSH-PULL CONTROL
                                                            46CDB
                                                                             BFEDY
                                                                                                               BFED
170
                                                                                                               REED
            RECEPTACLE RELEASE MANDEE 40GUA
171
                                                                             RFEDZ
           TYT THE FLOAT SW 45A
                                                                                                               SFE
: 71
                                                             46FFR
                                                                             BFEW
           WING THE FLOAT VALVES 28446BAA
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AT.
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                                                       46AFA
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17:
            FUEL/ DEFUEL MANIFOL)
                                                                             HEFY
           PRESSURE FUELING SHUTCEE 46AFB
                                                                                                               AFE
170
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        IXT TANKS PRESSURIZED
                                                                                                               BED
17
                                                                             BFF
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           GRND ATR SUPPLY FILTER
                                                             46FCF
                                                                             BFFV
                                                                                                               RFF
470
                                                                                                               BFF
           GEND AIR SUPPLY FATTING
                                                             46ECL
                                                                             BFFW
471
           12 PS1 REGULATOR
                                                                             BFFX
                                                                                                               BFF
17
                                                             45ECC
17.
           PARU PYLON DISCAX VALVE 1446ECB
                                                                             BFFY
                                                                                                               MFI
                                                                                                               RFE
            SOLF WOLD SEL VALVE DC
171
                                                                             BFFZ
47 .
       WING FUEL ROUTED TO ENGINE
                                                                             RFK
                                                                                                               BELA
                                                                                                                                 RFL
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A7) AFT FUEL ROUTED TO ENGINE
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                                                                             BF L
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A73 VIRMAL FUFL SUPPLY & DIST
                                                                             SFO
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.. 7'
       NORMAL FUEL SUPPLY & DIST
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       MORMAL FUEL SUPPLY & DIST
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       FIFL SCAVENGED
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      FULL SCAVENGED
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171
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ATO SHAP FUEL SCAVENGED
                                                                                                               FFIJA
ATT FAD FUEL SCAVENGED
                                                                             BFQC
                                                                                                               BEQA
                                                                                                                                             333333333
171
           FWD TNK/MID TNK LINES
                                                                             BFOCZ
                                                                                                               FFOC
                                                             9946T
                                                                                                               BFQA
ATH MIC-FUEL SCAVENGED
                                                                             BFQD
                                                                                                                                             333333333
         MID-AFT THE LINES/FITTINGS9946U
                                                                             BEUDZ
                                                                                                               BFOD
17.
            SUMP FUEL LINES/FITTINGS 9946A
                                                                             BEQU
                                                                                                               SFQ
                                                                             BFQV
                                                                                                               HFO
            SAFFLING INSTALLATION
                                                                                                                                         0
1 /1
                                                             46AFH
                                                                                                               BFO
17
            SUMP TANK BAFFLES
                                                             46AFG
                                                                             HFOW
            SUMP CHECK VALVE
170
                                                             46.4EC
                                                                             BFQX
                                                                                                               HFD
                                                                                                                                         1
471
            ACCELERATION STOP VALVE
                                                                             BFQY
                                                                                                               BEO
                                                             40ALB
171
            MAIN SUMP TANK
                                                                             BFQZ
                                                                                                               BFO
                                                                             BFR
                                                                                                               BFCG
                                                                                                                                             77777777
        SUMP OVERFLOW RECYCLED
37:
            SUMP TO FWD VENT LINES
                                                             99465
                                                                             BFFX
                                                                                                               BFUR
47
          SUMP VENT LINES & FITTINGS99465
                                                                                                               BFR
17
                                                                             BERX
170 ALPCRAFT GROSS WT PEDUCED
                                                                             BFX
                                                                                                               FA
                                                                                                                             K BA
                                                                                                                                             AAAAAAAAA
                                                                                                               BEX
ATO EXTERNAL TANKS JETTISON
                                                                             BFXA
                                                                                                                                             000000500
            44-12 EJECTOR RACKS
                                                             75ACC
                                                                             BFXAW
                                                                                                               PFXA
17.
 .70
                        JETTISON SWITCH
                                                             75 DCA
                                                                             BFXAX
                                                                                                               BFXA
            SALVO
            SELFCT JETTISON SWITCH
                                                                             BFXAY
                                                             751CE
                                                                                                               BEXA
170
170
            ARMAMENT CONTROL PANEL
                                                             751.8A
                                                                             BFXAZ
                                                                                                               PFXA
471
            MA-12 PACK HARNESS 4EA
                                                              75 BDC
                                                                             BEXAZA
                                                                                                               BEXA
                                                                                                                                             000000500
270
        FUEL DUMPED
                                                                             BEXB
                                                                                                               BFX
A 70
            FUEL DUMP LINES/FITTINGS 9946V
                                                                             BFXBW
                                                                                                               BFXB
            FUEL DUMP MAST
                                                                             BFXBX
                                                                                                               BEXB
170
                                                             11DAQ
                                                                                                                                         1
           KIGHT FUEL DUMP VALVE
41
                                                             46CCA
                                                                             BFXBY
                                                                                                               BEXH
                                                                                                                                         5
           LEFT FUFL DUMP VALVE
                                                                             BEXBZ
                                                                                                               BFXB
470
                                                             46CCA
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12345578901234567890123456789012345	56789			THE PARTY OF THE P	
ATO ENG. BLEED AIR SUPPLIED		3X	валв		2222222
ATOMP BLEED AIR		вх	FAX		AAAAAA
ATOLO BLEED AIR		нх	ECK		ΔΑΑΛΑΑΑ
A70 7TH STG AIR BLEED MANFOLD2318		BXA	BX	3	
A70 BLD. VLV. SHAF & LINK ASSY 2318		ВХВ	нх	5	
		BXC	3 X	A	
ATC STG 7 AIR SUPPLY BRACKET 2313		BXD	ьх	1	
		BXE	РX	7	
A7D LO-PRESS BLEED MANIFOLD 9923		BXX	вх	5	
ATO HI-PRESS BLEED MANIFOLD 5923		BXY	вх	8	
ATO PIP SUPPLY PIPE 7TH STAGE 23BA	AC	BXZ	BX	7	
A7D ENGINE ANTI-ICE		BZXZ	BCBB 4		0000000
A70 ANTI-ICING TUBE FRONT 23FA		BZXZR	RZXZ	3	
ATO INDICATER RESET SWITCH 23FA		BZXZS	HZXZ	0	
ATO ANTI-ICE O'PRESS NOKTR SW 23FA		BZXZT	BZXZ	0	
ATO ANTI-ICE O'PRESSURE INDIKTRESEA		RYXXA	BZXZ)	
ATO ANTI-ICING LIGHT 23F/		BZXZV	BZXZ	0	
A70 ANTI-ICING SWITCH 23FA		BZXZW	BZXZ	A	
A 70 ANTI-ICING HARNESS 23FF		RYXXX	BZXZ	5	
A 70 ANTI-ICING RECEPTACLE 23F7		BZXZY	BZXZ	5	
A70 ANTI-ICING VALVE 2367		BZXZZ	3ZXZ	Α	
A 70COMM/NAV/I DENT		C			ΛΛΛΑΑΑΑ
A 70COMMUNICATIONS		CA	C E		00000110
4 TUAUDIO PROCESSOR		CAA	CA		5555555
A70 CODER/DECODER 69AA		CAAA	CAA	1	
A7D CONTROL 59AE		CAAB	CAA	1	
ATP RELAY 69AC		CAAC	CAA	1	
A7D MOUNT 69 AL		CAAD	CVV	0	
A70 PED AUDIO ASSY 64AF		CAAF	CAA	1	
ATTUHE COMMUNICATIONS		CAB	CA	The state of the s	1111111
A7DCONTROL		CAEA	САВ		AAAAAAA
A7UCONTROL		CABA	DZX		ΔΑΑΔΑΔΑ
A7D CONTROL UNIT C7916 63AF	20 20 70 1	CABAA	CABA	1	
A7D CONTROL UNIT C6816 63AC		CABAB	CARA	1	
A70 UHF VOLUME CONTROL 63AA	200	CABAC	CABA	5	
A7DTRANSMIT/RECEIVE		CABB	CA3 DS		ALAAALA
A70TRANSMIT/RECEIVE		CARB			AAAAAAA
A70 REC/TRANS 63AA		CABBA	CARB	1	
A7D MOUNT 63AE		CABBB	CARB	0	
		CABBD	CABB	3	
A7U ANTENNA 11CE			CABB	4	
A 7D SPECT GEN 63AA A 7D POWER SUPPLY 63AA		CABBE	CASB	Δ	
A7D POWER SUPPLY 63AA		CABBG	CABB	A	
A7D AMPLIFIER 63A		CABBH	CABB	Δ	
A70 CHASSIS 63AA		CABBJ	CABB	1	
A7D CHASSIS 65AF		CABC	CARR		ΑΛΑΛΑΛ
ATOTRANSMIT		CABD	CABB		2222222
A7D POWER AMP 63AA		CABDA	CABD	A 24	
A70 UHF SELECT CONTROL 64AA		CABDB	CASS	4	
ATO ONE SELECT CONTROL . CHAP	40	CADUD	CADO		

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1234567890123456789012345678	501234567			
A 7DC HOL ING	244.0	CARE	CARB	88888888
A7) AIR COOLER	OBAKO	CABEA	CARE	A
A7 TING-51 RECEIVE		CABF		3ME 111111111
A7DARC-51 RECEIVE		CABF	CBMB K CH	
A70 PREAMP	DANEO	CABFA	CARF	Α
A70"NIV RFC		CABG		иян 111111111
A70 DUMMY	4994	CABGA	CASG	٠
470GUARD		CABH	CARF	111111111
A70 REC ASSY	63A1G	LABHA	CABH	A
A 70 VHE COMMUNICATIONS		CAC	CA K C	
A701RANSMIT/RECEIVE		CACA	CAC	ΑΑΑΑΑΑΑΑ
ATP RECITRANS	62440	CACAA	CACA	8
A70 TUNER ASSY	621AA	CACAB	CACA	2
A TO RE OSC ASSY	621AF	CACAC	CACA	2
ATO CRYSTAL REF ASSY	62AAC	CACAU	CACA	2
A70 RE CONTROL ASSY	(ZAAE	CACAE	CACA	2
A7D POWER SUPPLY ASSY	62470	CACAF	CACA	3
A70 CHASSIS	62AAR	CALAG	CACA	1
A TO GEAR BOX ASSY	62AAS	CACAH	CACA	2
A70 MOUNT	62AB0	CACAJ	CACA	0
ATO ANTENNA FEED ASSY	62AC0	CACAK	CACA	5
ATO ANTENNA COUPLER	(ZAFO	CACAM	CACA	9
A70 ANTENNA	11CHF	CACAN	CACA	3
47UCONTROL		CACB	CAC	ΔΑΛΑΑΑΔΑ
A7D CONTROL UNIT	CSVCO	CACBA	CACR	Δ
A7D VOLUME CONTROL	64440	CACBB	CACH	5
ATOTRANSMIT		CACD	CACA	222222222
A70 OSC BUFFER ASSY	62AAK	CACD4	CACO	2
ATD RE AMP ASSY	62AAL	CACDB	CACD	2
ATO 150 AMP ASSY	62AAM	CACDC	CACD	2
A70 AMP/MOD ASSY	6244P	CACDO	CACD	2
A70 VHE SELECT CONTROL	64440	CACDE	CACA	Δ
AZDRECEIVE		CACE	CACA	
ATT HOMER DET	SZAAF	CACEA	CACE	0
A70 IF ATTEN ASSY	5. Ar G	CACEB	CACE	2
ATP AUDIC AMP	62AAH	CACEC	CACE	2
ATO AF AMP ASSY	62AAJ	CACED	CAGE	2
A70 AUDIO MIXER	62440	CACEE	CACE	2
470 IF AMP	62AAD	CACEF	CACF	2
A TO INTERNAL AUDIO SYSTEM		CAD	CAA	
A701VTERNAL AUDIO		CAD	CBM	111111111
ATDINTERNAL AUDIO SYSTEM		CAD	CBN	111111111
A70INTERNAL AUDIO		CAD	CBP	111111111
A 70 INTERNAL AUDIO SYSTEM		CAD	CCA	111111111
A 7 DINTERNAL AUDIO		CAD	MAAT	
A7D PILOTS ICS LEAD	64141	CADA	CAD	3
A70 ICS VOLUME CONTROL	64440	CADAA	CAD	8
ATP CONNECTOR	96440	CADB	CAO	A
ATO AUDIO RELAY ASSY	64AGO	CADBA	CAD	1
ATD CKT CARD ASSY	64AGA	CADBB	CAD	1

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12345673401244567806123456780				13701234367890
ATO ISU TRANS PANEL 4232	10144	CANGC	CAO	1
AT 150 THANS PANEL AZAL	00646	CAUND	CA.)	,
ATO LACK AUDIO ASSY	64 ALC	CADHE	(,A))	
A7 MIKE SHITCH	04AF0	CALC	CAO	5
AT SK (MIKE)	36448	CAPD	CAU	2
A7 HELMET (HEADSET)	06 V2 7	CAUC	CVO	4
AT KEYING RELAY	00646	CACE	CAD	•
ATT ICS STATION	03440	CAUG	CAD)
17 MAY 16 A T 1 UN		CB	c e	031222150
AT THUMBU TRACK		CHAA	CHAFH	FAAAAAAAAA
A PROPERNO TRACK		CSAA	Cdx	000010000
ATTERNUTO TRACKIOT VELOCITY		CRAAA	CHVV	PAAALALAA
A 7 HOW DUND TRACK / T VELOCITY		CHAAA	CHAAN	FAMAAAAAA
170 FACTICAL COMPUTER	7.3EAC	CEAAAA	CBAAA	Α
ATE THE COMP CONTREL	73860	CBAAAB	COAAA	A
ATE THE CHEP MOUNT	73+1 C	CHANAC	CHAAA	0
ATOGROUND TRACK VELOCITY		CHAAR	CHAFD	4414444
ATHORNUAD TRACK VELOCITY		CHAAB	CRAFOD	FAAAAAAAAA
ATH HORIZ SIFUATION IND	TIME	CBAAX	CHAA	2
ATO PROJ MAP DISPLAY UNIT	736.00	CHAAY	CHAA	i
ATO SIGNAL DATA CONVERTER	73650	63/42	ChhA	i i
A TOBE AR ING		CBAB	CBX	202111100
AT COMPUTED SEARING		CHABA	CEABZX	111111111
ATOC THRUTED REARING		CHABA	CENEO	FAAAAAAAAA
ATO THE COMPUTER	73110	CHARR	CBABA	4
ATO THE COMP COMTREE	73110	CRABC	CHAB	A
A7D TAC COMP MOUNT	73000	CAABD	CBAB	5
47° HST	71480	CAABE	CFAB	2
ATO PAGS DISPLAY UNIT	73670	CHARF	CLAS	î
ATE SIG DATA CONVERTER	73010	CHARG	CBAB	i
A75 SEARING ATTENUATION	13610	CHARYX	CRAB	111111111
		CHARZX	CAABYX	111111111
A TO SEARING ATTENUATION				
A7DHE AD ING	** ** *	CBAC	CBX	001111100
A70 HORIZ SITUATION IND	717+0	CBACAA	CHAX	1
A70 401	7140	CRACAB	CBAX	1
170 ADI	71430	CBACAC	CBAX	
ATO PRUJ DAP DISPLAY UNIT	73640	CBACAD	CRAX	
ATU SIGNAL DATA CONVERTER	73686	CBACAF	CHAX	
ATO HUD DISPLAY UNIT	73140	CJACAF	CEAX	
ATT HUD SIG DATA PROCESS	73180	CHACAG	CBAX	
ATO HUD MOUNT	13100	CHACAH	CHAX	0
ATUSTANDBY HEADING		CHACH	CPAC K C	ΑΛΛΑΛΑΔΑΛΑ
ATO STOY COMPASS	51//6	CHACBA	CHACA	5
ATOPHESENT POSITION		CBAD	CSABA	FAAAAAAAAA
ATOPRESENT POSITION		CBAD	CRAEA	ΛΛΑΛΛΑΛΛ
ATHRESENT POSITION		CHAD	CBX	000000000
ATUNCKMAL / DI NODES		CRADA	CRAD	111111111
A TO INERTIAL MODE		CHADR	CRAD	111111111
A TOPOPPLER/ATE MASS MORE		CRADC	CHAD	111111111
ATPOUPPLER MODE		ChADO	CRADC	111111111

3343033031111111111122222222223				
123455789012345678901234567890	12345678			
ATDATE MASS MODE		CHADE	CHADC	111111111
A THERRAN	-1010	CHADE	CPAD	000000000
A70 RECEIVER	710A0	CEADFA		9
A7 MOUNT		· CBADFB)
(7) COUPLER	71000	CHADEC		5
AZO ANTENNA	71000	CBADFD		5
A70 OTPLEXER	710E0	CRADFE		5
ATO SIG DATA CONV	73G80	CBADV	A STATE OF THE STA	
ATO PROJECTED MAP DISPLAY UNIT		CBADW		1
A70 TAC COMP MOUNT	73BC0	CBADX	CBAD	
A73 TAC COMP CONTROL	7388C	CBADY		4
ATO TASTICAL COMPUTER	736A0	CBADZ		4
ATERISTANCE		CHAE	CBX	000001000
A TOCOMPUTED DISTANCE	*****	CHAEA	CBAEX	111111111
A70 SIG DATA CONVERTER	73GBC	CBAEB		
ATO HURIZ SITUATION IND	71A60	CRAEC	Annual Control of the	?
ATO PROJ MAP DISP UNIT	73GA0	CBAED		
A7D TAG COMP	73BA0	CRAFE		
A70 THE COMP CONT	73EA0	CHAEF	The state of the s	
A70 TAC COMP MOUNT	736C C	CHAEG)
A TODISTANCE ATTENUATION		CRAEX	CRAE	111111111
ATOSICERING		CHAF	CBX	000141180
ATOFOC STEERING		CRAFA	CBAF	000001110
A7D FLIGHT DIRECTOR COMPUTER	71AFO	CHAFAA		
A70 CKT CARD PWR SP	71AFA	CHAFAAA		
ATO CKT CALD BEAM SENSOF	71AFB	CHAFAAR		
ATO CKT CARD PITCH	71AFC	CBAFAAC	CEAFA A	
A70 CKT CARD ROLL	TIAFD	CRAFAAD		
A7D FUC MOUNT	71AG0	CBAFAB)
470 HS1	71AB0	CBAFAC		3
ATOTAC COMP STEER	22446 4	CBAFB	CBAF	000001000
A70 THUMBWHEEL ENCODER	234AB N		CBAFB 1	
A70 HUO DISP UNIT	73FAC	CHAFBD	CHAFB	
ATD HUD SIG DATA PROCESS	73EB0	CHAFBE		
170 HUD MOUNT	73EC0	CRAFBF		
A70 TACTICAL COMPUTER	736A0	CBAFBG	CRAFR	
ATO TAC COMP CONTROL	73860	CBAFBH	CBAFB	
A 70 MGUNT	73RC0	CBAFBJ	CBAFB (,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
ATOTE STEERING		CBAFD	CBAF B	000050000
ATDOOMPUTED FLT PATH ANGLE		CBAFDA	CBAFD	AAAAAAAA
		CBAFOB	CBAFDA	55555555
A701MS/ADC DERIVED		COAFDC	CRAFOR	111111111
A7DIMS/DOPP DERIVED A7DADC DERIVED		CBAFDO	CBAFD8	111111111
ATO TAGTICAL COMP MOUNT	738C0	CBAFDE	CBAFDR	111111111
ATO TAC COMP CONTROL	73680	CBAPOT	CHAFD	
A7D TACTICAL CUMPUTER	73840	CSAFDU		
ATDILS STEERING	,,,,,	CBAFX	CRAFD	002000140
A70 ADI	TIACO	CBAFXA	CBAFA	000000140
	TIAGO		CBAF	
A7D A01	ILAUU	CBAFAS	CBAF !	3

12345678901234567890123456789 A7D HUD DISP UNIT	73FAC	CHAFXC	CHAFD	5
ATO HUD DISPLAY UNIT	TREAD	CBAF XC	CHAFX	1
ATO HUP SIG DATA PROCESS	73580	CBAFXD	CHAFO	5
ATO HUD SIG DATA PROCESS	73660	CHAFXD	CRAFX	1
170 HUD MOUNT	731.00	CBAFXE	CBAFD	ò
TO HUD MOUNT	73EC0	CBAFXE	CHAFY	ō
ATOMANUAL STEEPING		CHAFY	CHAFA	000000000
A TOTACAN STEERING		CBAFZ	CRAFA	000000000
ATUMODE SELECT/SWITCHING		CBAG	Cex	111111111
ATO HEADING MODE SWITCH	TIAAC	CRAGA	CBAG	2
ATO RELAY ASSY	TIALC	CBAGB	CHAG	1
A A RELAY SUBASSY	71/EA	CRAGC	CHAG	i
AZT RELAY SUBASSY	TIAEB	CBAGD	CHAG	i
ETH CKT CARD ASSY	TIALC	CRAGE	CPAG	i
AZ CKT CARD ASSY	TIALD	CBAGF	CRAG	i
AZO BELAY SUR ASSY	TIAFE	CRAGG	CHAG	
AT MODE SELECT SWITCH ASSY	TIAHO	CBAGH	CHAG	i
ATOPHIMARY HEADING		CBAX	CEAC	111111111
A 70 A 01 UTILITIES		CRHA	CBAF	55555555
AZEADI OTILITIES		CBBA	CHAX	111111111
A709SI UTILITIES		CRBC	CDAA	227222222
A70-451 UTILITIES		CBBC	CBAb	222222222
A 70HIST UTILITIES		CRBC	CRAE	222222222
4704ST UTILITIES		CHBC	CHAFA	333333333
A CONST OTILITIES		CBBC	LBAX	111111111
ATTEC UTILITIES		CBBD	CHAFA	AAAAAAAAA
ATRIAC COMP UTILITIES		CBBE	CHAAA	ΑΔΑΛΛΑΔΑ
AZOTAC COMP UTILITIES		CBBE	СВАВА	AAAAAAAA
AZDIAC COMP UTILITIES		CARE	CHAD	AAAAAAAAA
ATETAC COMP UTILITIES		CABE	CBAEA	AAAAAAAA
ATUTAC COMP UTILITIES		CBBE	CHAFB	AAAAAAAA
A THI AC COMP UTILITIES		CbBF	CHAFD	AAAAAAAA
A 70 HUD UTILITIES		CBSF	CBAFB	111111111
A70HUD UTILITIES		CBBF	CHAFO	55555555
A7DHUD UTILITIES		CBBF	CRAFX	111111111
A70HUD UTILITIES		CBBF	CBAX	111111111
A 70 HST UTILITIES		CRBF	OADL	ΑΛΑΑΛΑΑΑ
A70HJD UTILITIES		CBBF	DOZE	AAAAAAAA
ATOPMOS UTILITIES		CRBG	CBAA	111111111
ATTEMOS UTILITIES		CHBG	CHAB	111111111
A TOPMOS UTILITIES		CBBG	CBAU	111111111
A 7GP 10S UTILITIES		CHAG	CRAE	111111111
ATDEMOS UTILITIES		CARC	CAAX	111111111
1701MS		CBK	CHAAA	SAAAAAAAA
.70 IMS		CBK	CEARA	SAAAAAAAA
470195		CBK	CRAFDA	SAAAAAAAA
17:14S		CBK	CBKX	FAAAAAAAA
A 7'11'1S		CBK	CBKY	FASAAAAAA
17:145		CBK	CBKZ	FAAAAAAAA
17 195		CRK	MAAS	111111111

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ATECONTROL	01234367	CBKA	CRK	AAAAAAAA
ATOCONTROL		CBKA	CBKV	FAAAAAAAAA
A70 CONTROL BOX	73FC0	CBKAA	CBKA	A
A70 MECH ASSY	73FCA	CBKAB	CBKA	
ATO PANEL FRONT	73FCB	CBKAC	CBKA	A 0
ATOPROCESSING/POWER SUPPLY	73768			
A70PROCESSING/POWER SUPPLY		CBKB	CRK	ΑΑΛΑΑΛΑΑ
	73500	CBKB	CBKW	FAAAAAAAA
A7D PWP SUPPLY/ADAPTER	73FD0	CRKBA	CBKB	8
ATO CASO	73FDA 73FDB	CBKBB	CBKB	2
		CBKBC	CBKB	2
A70 CARD	73FDC	CRKBD	CBKB	2
A70 MODULE	73FDD	CAKBE	CBKB	2
A70 MODULE	73FDE	CBKBF	CBKB	2
A70 MODULE	73F0F	CBKBG	CBKA	2
A7D CARD	73F0G	CBKBH	CBKB	2
A7F CARD	73FDH	CBKBJ	CRKB	2
A70 MODULE	73FDJ	CBKRK	CRKB	2
A7B AMP	73FDK	CBKBL	СВКВ	3
A7D POWER SUPPLY	73FDM	CBKBM	СВКВ	3
.70 POWER SUPPLY	73FDN	CBKBN	CRKB	3
A 71 POWER SUPPLY	73FDP	CBKBP	СВКВ	3
AT POWER SUPPLY	73F00	CBKBO	CHKB	3
A 71 POWER SUPPLY	73FOR	CBKBR	CBKB	3
A70 MODULE.BITE	73F0S	CRKRS	CRKB	2
470 30ARD	73FDT	CBKBT	CBKB	2
170 30ARD	73F0U	CBKBU	CBKB	2
17 : MOUNT	73FF0	CBKBV	CBKB	0
ATH HATTERY PACK	73FF0	CBKBW	CBKB	1
A ZO BATT CHG ASSY	73FFA	CBKBX	CBKB	1
ATO ROARD	73FFB	CBKBY	CBKB	2
ATT BATT/HEATER ASSY	73FFC	CBKBZ	CBKB	1
A70 POWER SUPPLY	73FDL	CBKBZA	CBKB	3
A7GSENSING/ALIGNMENT		CRKC	CBK	
1705=NSING/ALIGNMENT		CBKC	CRKU	FAAAAAAAAA
470 TYU	73FA0	CBKCA	CBKC	A
A70 MOOULE	73FAD	CBKCB	CBKC	A
A7 GIMBAL ELECT ASSY	73 FAE	CBKCC	Cakc	A
A TO PAR SUPPLY	73FAF	CBKCD	CBKC	A
ATO SWITCH ASSY	73FAG	CBKCE	CBKC	A
S70 FAN	73FAJ	CBKCF	CBKC	A
ATD PLEHUM	73FAK	CBKCG	CBKC	0
470 AMP	73FAT	CBKCH	CBKC	A
A7D AMP	73FAU	CHKCJ	CBKC	Δ
170 142	73FAV	CBKCK	CBKC	A
ATO COMP BOARD	73FAW	CHKCL	CBKC	Δ
A70 MOUNT	73F80	CHKCM	CBKC	A
ATOPET HEADING SEDSING		CBKD	CBAX	FAAAAAAAAA
ATORCT HEADING SEDSING		CBKD	CBKC	AAAAAAAA
A7D TRANSMITTER	73FG0	CBKDA	CBKD	A
ATDINERTIAL SENSING		CBKF	CHKC	AAAAAAAA

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A73 ACCEL X-Y AXIS	731 AM	CRKEA	CHKE	Δ
47 SYREL X-Y AXIS	73FAP	CBKEC	CBKE	A
A7 GYED 7 AXIS	73FAQ	CHKED	CEKE	٨
A/D ACCEL. FLECT	73FAF	CEKFF	CHKE	Δ.
ATO SYRC ELECT	73FAS	COKI.F	CHKE	Λ ,
A 7 PLATFORM ALIGNMENT		CHKE	CHEC	ΑΑΑΑΑΑΑΑΑ
A TOTAL RANK ALIGN		CAKG	CHKE	55555555
A LO CHWAA	9335C	CBKGA	CERG	U
TOTAL COMP ALIGN		СВКН	CLKF	55555555
A70 140 GCMP	73PAG	CIKHA	CHKH	A
ATE TAC COMP CONTROL	7366C	CUKHA	CHKH	Δ
TAC COMP MOUNT	73PCC	сакис	CHEH	0
A 70 VICT ALIGNED WARNING		CBKU	PZFA	111111111
ATTIGERAND ALIGN WAPNING		CBKV	OZEA	111111111
ATTIMS FAIL MARNING		CAKW	OZFA	111111111
A7 THS HEADING		CBKX	CHAAA	F111111111
A 7 IMS HEADING		CBKX	FB4B4	ΑΔΑΔΑΔΑΔΑ
A 7-11MS HEADING		CBKX	CBADC	ΔΑΑΛΛΑΑΔ
A7-DIMS HEADING		CBKX	CHAX	999999999
(77145 HEA) INC		CBKX	Cish	FANAAAAAAA
A 70175 HEADING		CBKX	FEKC	25555555
A70VELUCITIES		CPKY	LBALA	FAAAAAAAAA
ATOVELOCITIES		CBKY	CHADA	ΛΑΑΑΑΑΑΑΑ
1700510011165		CBKY	CHADA	ΑλΑΛΑΑΑΑ
AZOVELOCITIES		CRKY	CRAFDA	FAAAAAAAAA
A7DVELOCITIES		CBKY	CRAFOC	FAGGARAGAG
17 ATTITUDE		CBKZ	CBAFOD	FAAAAAAAA
47041111UDE		CBK?	CHAFDE	FAAAAAAAAA
AT-ATTITUSE		CBK7	CHAFX	ΑΔΑΛΑΛΑΔ
4104111100c		CRKZ	CHAFZ	AAAAAAAA
670ATTT1905		CBKZ	CHE	ΔΑΛΑΛΑΔ
ATRATTITURE		CBKZ	CED	ΑΔΑΔΑΔΑΔ
A VOLTT TENE		CBK7	FUFZ	AAAAAAAA
A7. MIPPLER		Cat	CRADA	SAAAAAAAAA
17 IUPPLER		CBL	CPLX	- 4 4 4 4 4 4 4 4 4
A7 TO SPPLER		CSL	CHLY	ΕΔΑΔΑΔΑΔΑ
47)00PPLE3		CBL	COLZ	PAAAAAAAA
ATU KADAN RECITATINS	731 AC	CBLA	CBL	Δ
470 POWER SUPPLY	73DAA	Cara	CEL	A
A70 MODULATOR	73048	CBLC	CFL	4
470 MOULE	73040	681.0	CFL	?
A 70 M JOULE	73040	CBLE	CRI	2
A70 REGULATOP	730AE	COLF	CBL	Α .
A78 MODULE	73UAF	CSLG	CBL	۸
A70 LOGIC	730AG	CBLH	CAL	A
A7D LOGIC	730/J	CRLJ	CHL	2
A7D MUDULE	73CAK	COLK	CBL	?
ATO LOCAL OSC	730AL	CALL	CBL	2
3 70 MODULE	73DAH	CBLM	CBL	2
ATO CONTROL	730AM	CHLN	CBL	2

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123456789012345678901234567890	730AN	CBTh #A0153#301940159#.	CBI	2
A7D LOGIC	731AP		CBL	2
A7) MIDULE	73040	CBLQ	CBL	2
ATD PAR SUPPLY	730AR	CBLS	CBL	2
				2
A 7D MODULE	730AS	CBLT	CBL	
A70 PWR SUPPLY		CBLU	CBL	2
A7" PAR SUPPLY	730AU	CBLV		2 2
470 MICROWAVE ASSY	730AV	CBLW	CBL	2
A7D LOCAL OSC	731 AW	CREWA		2
A70 CRYSTAL SWITCH	736AX	CBLWB	CBL	2
ATD CRYSTAL SWITCH	131 11			
A TOME A DRY WARNING		CBLX	DZF3 CRADA	FAAAAAAAA
170GROUND SPEED		CBLY	and the state of t	
A70GROUND SPEED		CHLY	CHADU	AAAAAAAA
A701-ROUND SPEED		CBLY	CPAFDO	111111111
A 7 DOR IFT ANGLE		CRLZ	CRAAA	111111111
A7DORIFT ANGLE		CBLZ	CBADA	FAAAAAAAA
A 7DDRIFT ANGLE		CBLZ	CBAPD	AAAAAAAA
A7E MIXER	7311AZ	CALZA	CBL	2
470 MAGNETROL	730A1	CBLZB	CBL	2
170 CIRCULATOR	73042	CHLZC	CAL	2
ATD FRAME	73043	CBLZD	CBL	0
A7D AMP	73DA4	CRLZE	CBL	2
A 70 UNDERVOLT ASSY	73045	CBLZF	CHL	2
ATO ANTENNA	73080	CHLZG	CBL	8
A 70 MODULE	73 DE A	CBLZH	CPL	8
A7D MODULE	73088	CBLZJ	CBL	9
A70 CONTROL IND '	73000	CBLZK	CBL	A
470 BOARD	731.CA	CBLZL	CBF	2
A70 BUARD	73DCB	CHLZM	CBL	2
A 70 FRONT PANEL	730CC	CALZN	CBL	0
A 70 MOUNT	73600	CHLZP	CBL	0
A70 WAVEGUIDE	730E0	CBLZU	CBL	Α
ATDADE SYSTEM		CBM	CBMZ	******
ATUCONTROL		CHMA	CBM	
A70 CONTROL BOX	63PEC	CBMAA	CRMA	A
ATORECEIVE		CBMB	CEM	AAAAAAAA
ATUPRIMARY REC		CHME	CABC K CAB	
ATOPRIMARY REC		CBMF	CRMB	111111111
A70 RECEIVER	63600	CRMEA	CBME	A
170 MODULE	63BCA	CHMEB	CRME	A
A7D 4DULE	63PCB	CBMEC	CRME	A
A70 MOUNT	63BF0	CHMED	CBME	0
A 70 RELAY AMP	63BA0	CBMEE	CBME	4
A 70 ANTENNA	63880	CBMEF	CBME	A
ATO PELAY AMP MOUNT	63800	CBMEG	CHME	J
A70 REC CONTROL	63EEC	CRMEH	CBME	4
ATD REC MOUNT	63BFC	CBMEJ	CRME	0
ATOBEARING ADF		CBMZ	CHARZX	111111111
ATETACAN		CBN	CHNW	AAAAAAA

12145678901234567890123456789		CHN	CBNX	ΑΑΛΑΑΛΑΑ
67-0TAC NV		CBN	LBNY	AAAAAAAA
ATU RECTIRANS	TINAL	CHMV	CBN	4
a7, AMP	71844	CBNB	CRN	1
ATO SULTIPLIES	711 44	CHNC	CBN	1
A 7.3 MEDULATOR	71 HAL	CBND	CBN	4
170 POSS LECTOR	71640	CANE	CHN	1
A7. A9.5	71866	CBNF	CPN	4
A 70 ANT SELECTOR	71FAF	CRNG	CBN	۸
170 MODINE	71FAG	LISTH	CHN	A
ATO POWER SUPPLY	7186H	CRNI	CPN	A
ATH DECORER	TIFAJ	CONK	CHN	Λ
A70 400ULS	711 4K	CHNL	Can	1
A 7 G MINERILE	71+01	C 3 'IM	LBN	Δ
A.A. AGOULF	711/1	CONN	CBN	Α
170 0000000	TIRAN	CAMP	LEN	Δ
A 7 5 MUDULE	716AP	CaNO	CAV	Δ
17 40001	71840	CBMF	Can	À
70 Milout 6	71144	CRIS	Can	A
A72 MODULE RE	71845	CONSA	CRN	1
A REC HOUNT	71600	CONT	CAN	
TO COUTEDL	71800	CBNU	CBN	٨
ATO ANT SWITCH	71850	CBNV	CPN	A
A POREAR ING TACAN		CANN	CSABZX	111111111
a70 090 km 44T	718F6	CONWW	CBN	5
4700ISTANCE		CBNX	CRAEX	111111111
A70 LOWER ANT	71450	CHNXX	CRN	5
A700EVIATION		CHNY	CPAFZ	AAAAAAAAA
ATO BLOWER	71 EHO	CHNYY	CBN	Δ
ATD BLOKER MOUNT	71PJ0	CBNZ	CBN	0
A70 FLUSH ANTENNA	71FK0	CBNZA	CBN	5
A701LS		CAP	CBAFX	AAAAAAAAA
ATD MKP BON/GLIDE SLOPE REC	71640	CHPA	CBP	6
A70 CUNTROL	71000	CRPB	CPP	8
ATO ANTENNA	71000	CHPC	CRP	5
AZO LOCALIZER REC	71650	CHPE	CBP	8
A 70 LOCALIZED ANT ARRAY	71010	CHPF	CRP	Δ
170 CAPACITOR	71(30	CBPG	CBP	1
ATU CAPACITOR	716KC	CAPH	LRP -	1
A70 ANTENNA	71CF0	CHPP	CHP	9
A7064048		CBO	CRQX	AAAAAAAAA
41088980		CHO	chay	ΔΑΛΑΛΑΔΑ
ATORAGAR		CBQ	CRAZ	ΑΑΑΛΛΑΑΑ
A70 ANTENNA RECEIVER	73440	CBQA	CoQ	Э
ATO TRANSMITTER	73480	CBQB	CRO	8
ATO PWO SUPPLY/PROGRAMMER	73400	CRUC	CBQ	8
ATD AIR NAV COMPUTER	73400	C690	CBO	8
ATE INDICATOR	734L0	CHOE	CBO	5
ATO SWEEP GEN	73410	CROF	CBQ	8
ATO CONTROL	73460	Cook	CRO	8

123453789012345678901234507890				
AT FAULT LOCATOR SET	73440	СВОН	CBQ	0
ATC SET MOUNT	71430	CBQJ	CBQ	1
ATO BLUWER/DUCT ASSY	73AKC	CBQK	CBQ	2
ATU SET CONTROL ANT	73410	CHOL	СВО	8
170 SET CONTROL	7 3 EN O	CROM	CBO	8
ATORADAR MAY INFO		CBQX	CBABZX	F111111111
AT PANAR NAV INFO		CHUX	CBAEX	F111111111
1739A MAR POMBING INFO		CBOY	MAAB	AAAAAAAAA
ATTE STEER COMMANUS		CROZ	CBAFO	AAAAAAAAA
ATTIVAV ATTOM		CBX	CB	111111111
& /OIDENTIFICATION		CC	C	000000000
A7011 F		CCA	CC	009999990
170CONTROL		CCAA	CCA	AAAAAAAAA
170 CONTROL UNIT	65450	CCAAA	CCAA	Δ
ATR CONTROL PANEL	15010	CCAAB	CCAA	3
A70 SALTCH (EJECTION)	0 F 4 G O	CCAAC	CCAA	0
1709_CEIVE/TPANSMIT		CCAB	CCA	ΑΛΑΑΑΑΑΑ
410 RECEIVER/TRANSMITTER	65 110	CCABA	CCAB	8
473 MOUNT	65410	CCASS	CCAB	0
ATO MIPLEXER	e BALO	CCABC	CCAB	A
AZT ANTENNA	11CBE	CCAPD	CCAB	3
1701081		CCAC	CCA	000000000
47 ILSTER	65410	CCACA	CCAC	Λ
1704.10# 4		CCAD	CCAB	222222222
4704000 4		CCAD	DZX	FAAAAAAAAA
170MUDES 1.2.34		CCAE	CCAB	666666666
A7D SURMY	59958	CCAEA	CCAE	0
ATOMORE C		CCAF	CCAB	22222222
A TUCHUE INECHOE		CCAG	CCAD	AAAAAAAA
ATO COMPUTED	65400	CCAGA	CCAD	۸ .
A70 MOUNT	65ALO	CCAGB	CCAD	0
TO SHICK WOUNT	65AH0	CCAGC	CCAD	Ú
ATTEADAR SEACON		CCB	CC	001111110
THEONIROL		CCBA	CCB	AAAAAAAA
ATO CONTROL UNIT	72800	CCBAA	CCBA	Δ
A TURECE IVE/TRANSMIT		CCBB	CCB	ΔΛΛΔΔΔΔΔΔ
ATO RECEIVER/TRANSMITTER	12840	CCBBA	ССВВ	8
AT JANTENNA SWITCHING		CCRC	CCB	AAAAAAAAA
A7D DUPLEXER	72680	CCBCA	CCBC	A
ATT ANTENNA	72800	CCBCB	CCBC	5
VIO CABLE ASSY	72LF0	CCBCC	CCAC	6
ATO INFORMATION & DISPLAYS		D		CAAAAAAAO
AT) FLIGHT STATUS PRESENTED		DA	Ü	011111130
ATO AIRCRAFT SPEED CONVEYED		DAB	οx	JA10101A0
ATO TRUE AIR SPEED DISPLAYED		DABB	DAB	C51111110
A70 TRUE AIR SPEED INDICATOR	73CJ0	DABBZ	DABB	5
A POINDICATED AIRSPEED DISPLAY		DABC	DDZA	22222222
A70 MACH/AIRSPEED INDICATOR	STALC	DARCZ	DABC	5
ATO PITOT.STATIC SENSING		DABD	DAB	SAAAAAAAA
ATT PITOT . STATIC SENSING		DARD	DABC	FAAAAAAAAA

123455789312347578901234567890123 A7D PITOL STATIC SENSING		DABD	UCL	FAAAAAAAA
ATO PITOT SENSING		DABD	UCS	SAAAAAAAAA
ATO PITOT SENSING		DABD	UCII	SAAAAAAAA
ATO PITOT PRESSURE SENSED		DABE	DAGD	ΛΑΛΑΑΑΑΑ
A70 PITOT TUBE 51	ALA	DABLZ	DABF	Α
ATH STATIC PRESSURE SENSED		DARF	DABC	ΑΛΛΔΑΔΔΔΔ
ATO STATIC PRESSURE SENSED		DARF	DACC	AAAAAAAA
ATO STATIC PRESSURE SENSED		DARF	DADC	ΛΑΑΛΑΑΛΑΑ
A7 DUMMY 99	000	DARFA	DABF	0
A70 PITCE STATIC TUBE ICE EREL		DARG	DABE	Δ ΔΑΔΑΔΑΔΑ
A70 PITOT HEATER RELAYS 51	AFB	DABGZ	DABG	5
ATO ALTITUDE DISPLAYED		DAC	OA	F 0011114A0
ATO PRESSURE ALTITUDE EISPLAYED		LACA	UAC	OCOALAILO
ATO ALTIMETER AAU-19A 51	Atn	DACAZ	DACA	8
A70 CURRECTED PRESS ALT DISPLAY		DACE	DACA	DACC 111111111
ATD UNCOL PRESS ALT DISPLAYED		DACC	DACA	K DACH 889888888
	ALC	DACCZ	DACC	2
ATH AUXPLIARY PRESS ALT DISPLAY		DAGE	DACA	000111000
	ILL	DACEZ	DACE	5
ATD ABSOLUTE ALTITUDE CONVEYED		DACG	DAC	000010210
	PIFU	DACGY	DACG	1
ATD HEIGHT INDICATOR APN/141 72		DAGGZ	LACG	8
ATO EADAR ALTIMETER CONTROLLED		DACJ	DACG	AAAAAAA
	726	DAGJX	DAGJ	1
ATO LOW ALT CLEARANCE CONTROLSS		JA(JY	DACJ	5
	724	DACJZ	DACJ	Α
ATORADAR ALTITUDE		DACK	CRAFO	4444444
A 70 RAQAR ALTITUDE		DALK	CBAFX	AAAAAAAAA
ATORADAR ALTITUDE		DACK	CBO	111111111
	AHC	DACKX	DACK	5
	AHB	DACKY	DACK	A
	A+A	DACKZ	DACK	8
ATD RADAR ALT SIGNAL PRUCESSED		DACL	DACG	AAAAAAAAA
ATO RADAR ALT SIGNAL PROCESSED		DACL	DACK	FAAAAAAAAA
	MED	DACLZ	DACL	1
ATO ALTITUDE MODE CONTROLLED		DACM	DACL	AAAAAAAA
	6049	DACMY	DACM	Δ
	AGA	DACMZ	DACM	7
ATO TIME COMPARED		DACN	DACL	AAAAAAAAA
	MPG	DACNY	DACN	Α
	PAA	DACNZ	DACN	Ä
ATU RADAR ALT POWER SUPPLY	· MA	DACP	DACL	4444444
	PAAL.	DACPP	DACP	8
ATE RE ENERGY TRANSMITTED	MA.C.	DACO	DACN	ΑΑΑΑΑΑΑΑΑ
	2100	DACUX	DACQ	5
	AAF	DACQX	DACQ	Δ
	AAD	DACQZ	DACQ	7
	MAD	DACR	DACN	ΑΑΛΑΑΑΑΑ
ATU RE ENERGY RECEIVED	DALL			5
ATR RECEIVER ANTENNA 12	246.0	DACRX	DACR	2

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123456789012345678901234567890	12345678	90123456789012345		345678	901234567890
A7D RECEIVER	72AAD	DACRZ	DACR		7
ATD AERODYNAMIC SITUATION		DAD	DA		000010040
A70 ANGLE OF ATTACK CONVEYED		DADA	DAD		000000010
A70 G-FORCES DISPLAYED		DADB	PAD		000050000
A70 NORMAL ACCELEROMETER	51AAA	DADBZ	DADB		5
ATD RATE CLMB/DESC. DISPLAYED		DADC	DAD		000000000
A70 VERT. VELOCITY INDICATOR	51AED	DADCZ	DADC		5
A7D STALL WARNING GIVEN		DADE	DADA		111111111
A7D RUDDER PEDAL SHAKER	SIADJ	DADFZ	DADE		8
ATD APPR /LAND AOA DISPLAY		DADG	DADA		AAAAAAAA
ATD CRUISE ANGLE OF ATTK DISPL		DADH	DAB	K DAB	-
ATD CRUISE ANGLE OF ATTK DISPL		DADH	DADA		F55555555
A7D CRUISE ANGLE OF ATTK DISPL		DADH	DAUG	K DAD.	J AAAAAAAA
A70 ANGLE/ATTACK INDICATOR	51AUA	DADHZ	DADH		5
A 70 ENHANCED VISUAL ADA DISPLA	Y	DADJ	DADG	DADI	55555555
A7D ADA INDEXER DISPLAY		DADK	DADJ	DADI	111111111
ATO ADA INDEX & HOOD	51ADE	DADKZ	DADK		8
ATO ADA HEAD-UP DISPLAY		DADL	DADJ	DAD	(111111111
A7D HUD MOUNT	73 FC.C	DADLX	DADL		0
ATD SIGNAL DATA PROCESSOR	73ED0	DADLY	DADL		A
ATD HUD DISPLAY UNIT	73EA0	DADLZ	DADL		A
ATDANGLE OF ATTACK		DADM	CBADE		AAAAAAAA
ATDANGLE OF ATTACK		DADM	CRAFDB		S111111111
ATDANGLE OF ATTACK		DADM	CBAFOD		FAAAAAAAAA
ATDANGLE OF ATTACK		DAUM	CBAFDE		FAAAAAAAAA
ATDANGLE OF ATTACK DATA XMIT		DADM	DAB	K DAB	SAAAAAAAAA
ATDANGLE OF ATTACK DATA XMIT		DADM	DADA		SAAAAAAAA
ATLANGLE OF ATTK DATA XMIT		DADM	DADE		FAAAAAAAAA
ATDANGLE OF ATTK DATA XMIT		DADM	DADH		FAAAAAAAAA
ATDANGLE OF ATTK DATA XMIT		DADM	DADK		FAAAAAAAAA
ATDANGLE OF ATTK DATA XMIT		DADM	DADL		FAAAAAAAAA
A7D ROLL COU CUT. OUT RELAYS	51ADG	DADMY	DADM		3
A70 AOA TRANSDUCER	51ADB	DADMZ	DADM		A
ATD ANGLE OF ATTACK SENSED		DADN	MOAG		AAAAAAAA
ATD ADA GROUND TEST SWITCH	51ADH	DADNX	DADN		0
ATU ADA VANE CIRCUITS	9951B	DADNY	DADN		8
ATO ADA VANE ASSY	9951A	DADNZ	DADN		8
ATD AIRCRAFT ATTITUDE DISPLAY		DAE	DAD	E	000000000
ATD STRY ATTITUDE DISPLAYED		DAEA	DAE	K DAE	3 77777777
ATD GYRU FAST ERECT SWITCH	9951C	DAEAY	DAEA		2
A70 REMOTE ATTITUDE INDICATOR	R51BAC	DAEAZ	DAEA		5
A70 PRIMARY AC TURN/ATT DISPLA		DAEB	DAE	DAE	111111111
A70 AD1	71AJC	DAEBY	DAEB		A
A7D ADI	71ACO	DAEBZ	DAEB		A
A70 STBY ATTITUDE SENSE & XMIT		DAEF	DAEA		AAAAAAAA
A70 STBY ATTITUDE SENSE & XMIT		DAEF	FDEZ		111111111
A TOATTITUDE SIGNAL		DAEF	FEKG		AAAAAAAA
ATO SHOCK MOUNTS	51BAD	DAEFW	DAEF		3
ATD GYRO FAST ERECT CIRCUIT	9951D	DAEFX	DAEF		5
A7D GYRO RATE SWITCHING	51BAB	DAEFY	DAEF		A

000200000111111111112222722222					
123+55789012345678901234557350				34567890	1234567890
A7P GYRO RATE SWITCHING	e I BV V	DAFFZ	DAEF		
ATO GRAD MAINT. BATA DISPLAYED		99	1)		00000000
A70 TIMER TOTALIZING METER	535E7 N		98		
A70 OVERSPEED INDICATER	232FB N		98		
ATO ACCELER. TRANSDUCER	51A65	DRY	96		
ATT ACCELSE . INDICATOR	SIAHA	DBZ	CB		
ATDINUICATED AIRSPEED		ASOO	DAB		002222000
470HUD OISPLAY		DOZB	0074		111111111
A70 HUO MOUNT	73EC0	ODZBX	0078	()
A 70 SIGNAL DATA CONVERTER	73E80	OOZBY	0020	4	
ATT DISPLAY UNIT	73600	0928Z	EDNH.	/	
170 ATTENUATION INFORMATION/OI	S	DX ·	46		111111111
A TO CLITICAL IMPO DISPLAYED		CA	DA		ΔΔΛΛΔΔΛΔΔ
A 70 + INC. NARNING CONVEYED		DYZ	DY	X	ΛΑΑΑΑΑΑΑ
ATT FIRE WARNING LIGHT	9949A	DYZW	DYZ	1	
ATL HARN SIGNAL / TEST SHITE	H49AAC	DYZX	CYZ	1	
ATO CONTROL UNIT	45/48	DYZY	UYZ		
ATO CARLE ASSY HEAT SENSING	49000	DYZZ	CYZ	1	
ATTIC MANAGEMENT DATA DISPLAY		02	DA		ΑΛΑΛΑΛΑΛ
470 AUVISORY DATA DISPLAYED		DZA	DZ		000000000
AT WHEELS/FLAP STATUS		DZAB	FAUR		010000010
170 WHEFES/FLAP STATUS		DZAh	LAD		010000010
AT WHELL/FLAP WARNG LIGHT	12[0]	DZABZ	0748		
A7D CIRCUIT POARD K11276-31	12000	DLAV	07.4		
A70 CIRCUIT BOARD F11272-31	12000	DZAW	DZA		
ATO HARNESS ASSY ADJCAUTION	120CB	DZAX	DZA	5	
470 INDICATOR AUVISORY/CAUTIO	A JOSE I	DZAY	UZA	3	
A75 ADVISORY PANEL LIGHTS 10F	A4486C	DZAZ	UZA		
ATO ENGINE MGT DATA DISPLAYED		DZB	DZ		AAAAAAAA
A 70 CUMMY	09996	DZBA	UZ		,
A70 ELAPSED TIME INLICATOR	STAFF	DZBFYZ	03	4	
AT AC STORES MOT DATA MISPLAY		DZC	OZ		005999500
THE FUEL STORES MGT DATA DISPL	Λ	DZCC	DZC		111111111
ATO FUEL FLOW DATA DISPLAYED		огссв	0200		AAAAAAAA
A70 DUMMY	ecock	OZCCHA	DZCCA		
AT FUEL FEED INFO DISPLAYED		UZCCC	BACD		111111111
ATO MANUAL FUEL CAUTION LIGHT	120F0	DZCCCY	DZCCC		
ATO END ADVISORY PANEL	44ELD	DZCCXZ	BFEC	1	
NTO OPERATING STATE DATA DISPL	A	DZE	07		ΑΛΑΑΑΑΑΛ
ATO CANOPY STATUS DISPLAYED		DZEA	LAIZ	I LAF	868888888
ATO CONTROL PUSITION DISPLAYED		DZEB	DZE		ΔΔΔΔΔΔΔΔ
ATT WING POSITION INDICATED		DZEBY	DZEB	I GC	100000000
AZO WING FOLD CAUTION LIGHT	12180	DZEBYZ	DZEBY		
A70 A/C BRAKE STATUS/POSITION		DZEC	OZE		AAAAAAAAA
A 70 DUMMY	99991	DZECA	DZEC		
ATO APREST GEAR STATUS DISP		DZEX	CAAB		111111111
ATT HENK HANDLE WAPNING LIGHT	13HD8	DZEXY	UZEX		
A 70 HOUR DOWN CAUTION LIGHT	1200	DZEXZ	DZEX		
ATU CANOPY LATCHED LIGHT	12408	DZEY	DZEA		
ATO AIC AUX SYSTEM DATA DISPLA		DZF	07		AAAAAAAA

0000000001111111111122222222222	3333333	33444444444455555	55555666	6666666	777777778
1234567890123456789012345678901	1234567			3456789	
ATE INS MGT DATA DISPLAYED		DZFA	DZA		F11111111
ATT IMS MGT DATA DISPLAYED		UZFA	OZF	I CBK	111111111
A70 IMS CAUTION LIGHT	12010	OZFAA	DZFA		Α
ATO DUPPLER MGT DATA DISPLAYED		OZFB	DZA		F111111111
ATO DOPPLER MGT DATA DISPLAYED		DZFB	DZF	I CBL	111111111
ATO AIR DATA COMPTR WARNING		DZFC	DZA		F111111111
ATO AIR DATA COMPTE WARNING		DZFC	DZF	I UCX	111111111
A70 COMPUTER CAUTION LIGHT	12080	DZFCZ	DZFC		4
ATO ECM STATUS DISPLAYED		DZFDX	DZF	I ME	000000000
A70 ECM CAUTION LIGHT	12000	DZFDXZ	DZFDX		7
A7D HYDRAULIC PRESS STATUS DISE	•	DZFF	UHCN		111111111
A70 HYDRAULIC PRESS WARNING		DZFEX	DZFE		22222222
ATO HARNESS ASSY PC-3 CAUTION	MISDER	DZFEXV	DZFFX		5
A7D BOARD ASSY PC-3 CAUTION	1206A	DZFEXW	DZFEX		3
ATO PC 3 PRESS CAUTION LIGHT	15LFC	DZFFXX	DZFEX		A
A70 PC 2 PRESS CAUTION LIGHT	12080	DZFEXY	DZFEX		A
A70 PC-1 PRESS CAUTION LIGHT	12080	DZFEX7	DZFEX		A
ATO HYDRAULIC PRESS INDICATED		DZFEY	DZFE		111111111
A7D PC-3 PRESS INDICATED	99450	DZFFYX	DZFEY		5
A7) PC-2 PRESS INDICATED	45BBC	DZFFYY	OZFEY		5
A70 PC-1 PRESS INDICATED	45ABB	DZFEYZ	DZFEY		5
A TOHYORAULIC PRESS DATA ROVD		DZFEZ	DZFE		AAAAAAAA
A70 HUD MANGMT DISPLAY		DZFH	DZF	I CBAF	55555555
A70 HUD FAIL CAUTION LIGHT	12080	DZFHY	DZFH		A
A70 HUD HOT CAUTION LIGHT	120B0	DZFHZ	DZFH		A
ATDAFCS MGT DATA DISPLAYED		DZFX	DZA		F111111111
ATO AFCS MGT DATA DISPLAYED		DZFX	DZF		55555555
A70 COMM EQUIP STATUS		DZX	DZ		00000000
A70 UHF REMOTE LIGHT	63AHO	DZXY	DZX		2
ATD IFF WARNING LIGHT	12080	DZXZ	DZX		3
A THE NV I RONMENTAL CONTROL		E			AAAAAAAA
ATOCABIN INTERNAL ENVIRONMENT		EA	EX		012227250
A TOWIND SHIELD DEFOG		EAA	EA	Y	000000010
ATOCABIN ENVIRONMENT		EAB	EA		001222100
ATO EMERGENCY VENT AIR		EAC	EAB	K EAG	AAAAAAAA
A70 PILOT ACTION		EACA	EAC		AAAAAAAA
ATD PRESSUPE STATUS		EACB	FACA		601111000
A70 SCOUP, VENT AIR	41AAN	EACC	EAC		3
ATO HANDLE, VENT AIR	9941A	EACD	EACA		A
ATD ALTIMETER, CABIN PRESS.	41 BCD	EACE	EACR		1
ATD DEFOG CONTROL		EAD	EAA		AAAAAAAA
ATO CONTROL PANEL . COCKPIT ENV.	ALACR	EADA	FAD		7
ATO THERMOSTAT. DEFOG TEMP	41 AF B	EADB	EAD		4
A73 ANTICIPATOR	41AFF	EADC	FAD		
A70 DEFOG AIR		EAE	EAA		AAAAAAAA
ATO VALVE, DEFOG	41AFA	EAEA	FAE		7
ATO NOZZLE DEFOG 2 EACH	41AFD	EAEB	EAE		1
ATO CANOPY SEAL	12710	EAF	DZEA		FAAAAAAAA
ATO CANOPY SEALED		EAF	EAB		001222100
A70 CANOPY SEAL	12AAP	EAFA	EAF		1
THE CHIEF TO SERVE	· CHAIL	en, n			

123456789012345678901234567890	3333333	334444444444	55555555566666 12345678901234	566667	7777777778
ATOCANOPY LOCKED	12.4301	EAFZ	EAF	.,0,0,0	AAAAAAAA
A7D SOLT PIVOT	12440	EAFZA	EAFZ	٨	
ATO HANDLE CANOPY RELEASE	ABASI	EAFZB	EAFZ	2	
ATO NORMAL AIR/PRESSURE	• • • • • • • • • • • • • • • • • • • •	EAG	EAH	EAC	05555550
A70 GROUND COOLING		EAH	FAR		000000000
ATO SOCKET, GROUND COOLING	ALAEA	EAHA	EAH	Δ	
ATO VALVE, CHECK	41AFB	EAHE	FAH	1	
ATOTE MP/PRESSURE CONTROL		EAJ	EAG		AAAAAAAA
ATT TEMPERATURE CONTROL		EAL	EAJ		55555555
A70 AUTO/MANUAL SELECT	41ACB	EALA	EAL	3	
ATO VALVE ASSY, TEMP. CONTROL	ALACA	EALR	FAL	7	
ATH CABIN TEMP THERMOS. VALVE		EALC	FAL	1	
ATO PRESSURE CONTROL		EAM	FAJ		AAAAAAAA
A70 CAPIN PRESS. SWITCH	41ACB	EAMA	EA'4	A	
ALD REGULATOR ALE PRESS.	AIBCA	EAMB	EA4	1	
ATO VALVE. CABIN SAFETY	41FCC	FAMC	EAM	A	
TOURNOITTIONED AIR MIX/DIST		EAN	EAF		AAAAAAAAA
AT C INDITIONED AIR MIX/DIST		EAN	EAG		AAAAAAAA
A72 VALVE.FLUW CONTROL	41 AAU	EANA	EAN	A	
A 70 DUCT/VALVE ASSY	41ACE	EANB	EAN	0	
A70 VALVE, CHECK	41ACF	EANC	EAN	2	
A 70 SEAL CANDRY AIR INLET	ALACG	EANU	VA3	0	
ATO AUTO CONTROL		EAP	TAL.	EAQ	111111111
ATO SENSUR. DUCT TEMP.	41ACC	EAPA	EAP	1	
AZO AUTO TEMP.CUNTROL	41ACh	EAPB	FAP	7	
ATO SENSOR . CABIN TEMP.	41ACK	FAPC	FAP	9	
ATD MANUAL CENTIOL		EAU	EAL K	EAP	AAAAAAAA
A70 MANUAL TEMP . CONTROL	41ACH	LAUA	PAG	A	
ATORAM AIR DIST		FAS	EAW		COAAAAAOO
ATOPAM AIR DIST		EAS	ECH		C64AAAA60
A7.) DUMMY	9959H	EASA	FAS	C	
ATUPLERIGERATED AIR SUPPLY/DIS	T	EAT	EAN		AAAAAAAA
ATOMETRIGERATED AIR SUPPLY/DIS	T	EAT	EBH		AAAAAAAAA
ATTREFRIGERATED ATE SUPPLY/OLS	,1	FAT	FFE		AAAAAAAA
A7) TURBINE COOLING	41AAC	EATA	EAT	A	
AT: SEPARATOR, WATER	41AAL	EATR	EAT	2	
A7) VALVE.SEP., ANTI ICE	41FAM	EATC	EAT	2	
470 THERMOSTAT, COMP. INLET	4111h	EATO	EAT	2	
ATL SCREEN, ANTI ICE	41/4X	EATE	EAT	1	
ATO TRANSMITTED, TEMP LO LIMI	T41AGC	EATF	FAT	2	
A70 HEATEXCHANGER	41AAB	EATG	EAT	Δ	
ATCCONTROL ATP SUPPLY/GIST		FAU	FAU		ΛΑΑΑΑΑΑΑΑ
A TOCOMTROL ATE SUPPLY/DIST		EAU	EAG		SAAAAAAAA
AT CONTROL AIR SUPPLY/DIST		EAU	LAF		PAAAAAAAA
A TOCONTROL AIR SUPPLY/DIST		EAU	EAY		FAAAAAAAA
ATOCONTROL AIR SUPPLY/DIST		EAU	EBQ		ΔΑΑΑΑΑΑΑ
ATUGINTRUL AIR SUPPLY/DIST		EAU	EFO	EAM	111111111
A TOT ONIROL AIR SUPPLY/DIST		EAU	Etc		AAAAAAAA
A TOCONTROL AIR SUPPLY/DIST		EAU	FGC		SAAAAAAAA
A TOGENTRUL ATE SUPPLY/OTST		EAU	FGF		FAAAAAAAAA

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123456789012345678901234567896				345678901234557890
A70 VALVE, CONTROL AIR	41484	EAUA	EAU	<u> </u>
A70 MAN FOLD CONTROL A19	41ARC	EAUR	EAU	A
A70 VALVE, PELIFF	41APE	EAUC	EAU	1
ATOHOT AIR SUPPLY/OIST		FAV	EAE	ΑΛΛΛΑΑΑ
A79HOT AIR SUPPLY/DIST		EAV	EAN	FAAAAAAAA
ATLECT AIR SUPPLY/DIST		EAV	EAT	SAAAAAAAA
AZOHOT ALE SUPPLY/DIST		EAV	EAW	FAAAAAAAA
A79HOT AIR SUPPLY/DIST		EAV	EAY	FAAAAAAAAA
AZIMAT AIR SUPPLY/DIST		FAV	FPL	FAAAAAAAA
ATOMIT AIR SUPPLY/DIST		EAV	EFD	SAAAAAAAA
ATOHOT ATR SUPPLY/DIST		FAV	FFE	AAAAAAAA
ATTHET AIR SUPPLY/DIST		EAV	FGC	SAAAAAAAA
ATC MANIFOLD HOT AIR	99418	EAVA	FAV	Δ
A FEHEAT REMOVAL		FAW	EVI	ΑΔΛΑΛΑΑΛ
A TOHEAT REMOVAL		EAW	FFO	K EAU AAAAAAAA
A7D HEAT EXCHANGER	41AAB	EAWA	FAW	6
A7D DUCT, INLET	41AAE	EAWB	EAW	A
ATO OUCT. EXHAUST	41AAF	EAWC	F.A.W.	Α
A TEMP BLEED AIR DISTRIBUTION		EAX	FAU	FAAAAAAAA
A7LHP BLEED AIR DISTRIBUTION		EAX	VAS	AAAAAAAA
A70HP BLEED AIR DISTRIBUTION		FAX	EBQ	SAAAAAAAAA
ATOMP BLEED ATT DISTRIBUTION		EAX	EFF	SAAAAAAAA
A75 VALUE ASSY. PRESS LIMIT	41 AAA	EAXA	FAV	A
A70 DUCT.BLEED AIR FIXED	41AAD	EAXB	EAX	Δ
ATD DUCT, HP BLEED	41AAR	EAXC	EAX	A
470 DUCT.GIMBAL	41AAS	EAXU	FAX	A
ATOPAM AIR AUGMENTATION		EAY	EAW	840000048
A70PAM AIR AUGMENTATION		EAY	ECH	840000048
ATL VALVE, EJECTOR AIP	41AAP	EAYA	EAY	7
A70 VALVE, EJECTOR DUMP	41AAV	EAYB	EGF	A .
ATE LANDING GEAR DOWN	*****	EAZ	EAY	990000099
ATOLETT AVICS EQUIP COOLING		EBA	CHBE	AAAAAAA
ATOLEFT AVIONICS EQUIP COOLING		EBA	CAKC	ΛΑΑΛΑΑΑΑ
A70MAN IFOLD . LH	99410	EBAA	EBA	2
ATDSWEEP GEN COOLING	77410	EBB	CHO	ΑΛΑΛΑΛΑΑ
ATDMANIFOLD. SWEEP GEN	41AGE	EUBA	E88	A
ATOCAMERA BAY ENVIRONMENT	TIAGE	EBC	, MR	" 111111111
ATORIGHT AVICS EQUIP COOLING		END	CA	\$55555555
ATORIGHT AVICS EQUIP COOLING		EBD	CARE	FAAAAAAA
				FAAAAAAAA
ATORIGHT AVICS EQUIP COOLING		EBO	CACA	
A 7 JR IGHT AVICS EQUIP COCLING		EBD	CBSG	AAAAAAA
A70MANIFOLD, RH	41AGB	EBDA	E80	2
A TUCAMERA BAY AIR MIX/DIST.		EBE	FRC	AAAAAAAA
4700UCT	41AHA	EBEA	EBE	2
A70VALVE, CHECK	41AHD	EBEB	- EBE	1
47DVALVE, TEMP CONTROL	41AH6	EBEC	FBE	5
ATOLEST AMBIENT AIR COOLING		EBG	CBKB	111111111
ATPLEFT AMBIENT AIR COOLING		EBG	CCA	111111111
A TOE OU IPMENT AIR SUPPLY/DIST.		EBH	EBA	ΑΑΑΑΑΑΑ
ATDEQUIPMENT AIR SUPPLY/DIST.		EBH	£ 63	ΑΑΑΑΑΑΑ

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123456789012345678901234567890	11234567	EBH	194715140	FRI	34301190	
A7DEQUIPMENT AIR SUPPLY/DIST. A7DEQUIPMENT AIR SUPPLY/DIST.		ESH		EBF		AAAAAAAA AA 3A AAAA
A7E DUCT	41AGA	ESHA		FBH	2	
ATOLLET KAN AIR COOLING	AIMON	EBJ		ERG		011111110
A70SCOOP.LH	41FAA	EBJA		EBJ	1	
ATULERT FAN COOLING	41145	EBK		FRG		A1111111A
A7 PEAN, LIT	41+44	EBKA		Firk	4	
AZOSWITCH	41LAP	EHKH		ERK	7	
A TORIGHT FAN COOLING	711-1	EBL		EFO		Alllilila
A7DFAY.RH	41FAF	EHLA		FRL	4	
A70SWITCH	41144	EBLE		FBL	7	
A TORIGHT RAY AIR COOLING		ERM		ERP		011111110
A7DSCOOP. RH	HIFAL	FRMA		CEN	1	
ATUFAN ACTIVATION		EBN		LBK		AAAAAAAA
AZLEAN ACTIVATION		F.3N		tol		AAAAAAAAA
A70SNITCH.OIFF.	41546	FBNA		FAN	5	
ATORFLAY	99410	EdNb		LEV	5	
AZORIGHT AMPLEME ATE COOLING		FHP		CAA		111111111
ATORIGHT AMPLEME AIR COOLING		ERP		CERT		111111111
A 702 IGHT AMBLENT AIR COULING		ERP		CAL		111111111
ATORIGHT AMBIENT AIR COOLING		EBP		CHME		111111111
ATORIGHT AMBIENT AIR CONLING		EBP		CBN		111111111
ATORIGHT AMBIENT AIR COOLING		EBP		ChP		111111111
ATDRADAR PRESSURIZATION		EBQ		030		OCCANACIO
A TORE GULATOR	416AA	4083		r CO	7	
ATODESICCATOR	41FAF	EBGR		EBO	0	
A70VALVE	418/6	EROC		EPO.	Δ	
A70 LOW PRESSURE BLEED ATR		ECA		ber		AAAAAAAA
A70CUN PURGE		FCB		AC		000010000
ATE PURGE AIR		ECC		508		ΑΔΑΔΑΔΑΔΑ
A70 VALVE, PURGE AIR	41FAC	ECCA		ECC	A	
170 PURGE DOOR OPEN		ECO		ECG		ΛΛΑΑΑΛΑΑΛ
A70 DOOR	41FAA	ECDA		ECO	1	
A70 VALVE	41FtA	FCDE		FCD	Δ	
A70 CYL.ASSY	41Fhb	ECOC		FCD	5	
A70 SWIVELS	41FFC	ECDO		FCO	٨	
A7D SWITCH. INTERLOCK	744JF	ECDE		FCC	Α	
A70 RESTRICTOR	c9411	ECOF		663	3	
A 70 AUX. AIR SUPPLY/DIST.		ECE		LCA		4444444
A /DAUX.AIR SUPPLY/DIST.		ECE		ECC		AAAAAAAA
ATUAUX.AIR SUPPLY/DIST.		ECE		F GH:		AAAAAAAA
ATO TEMPERATURE CONTROL		ECG		FCH		AAAAAAAA
A70 THERMUSTAT	41050	LCGA .		FCG	5	
ATO VALVE TEMP CONT	41CBH	ECGB		ECG	Δ	
A TOHEAT REMOVAL		ECH		F(&		^^4
A70 HEAT EXCHANGEE	41AAR	ECHA		FCH	4	
ATO LP ALEED AIR DIST		ECK		ECH		LLADADALL
A79 DUCTS, LP BLEED FIXED	41CAA	ECKA		FCK	9	
A70 DUCT, MOTION COMPENSATOR	41 CAR	ECKB		CCK	0	
A70 COUPLINGS	41C AC	ECKC		FCK	9	

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123456789012345678901234567890				and the same of the same	
A70 DUCT.LP BLFED, ENG. COMPT.		ECKD	FCK		9
ATH DUCT GIMBAL ENG CMPT.	41(AF	ECKE	FCK		9
47DOXYGEN		ED	EX		001A5A000
ATPOXYGEN DIST		EDA	FD		AAAAAAAA
A7DMASK	SAASP	EDAA	EDA		1
A 7 D C D N N E C T D R	STRVE	EDAB	EDA		5
A TOE MERGENCY OXYGEN		EDB	EDA	K EDF	AAAAAAAA
A7DSUPPLY & DIST		600	EDB		AAAAAAAA
A 7 DBOTTLE ASSY	478AA	EDCA	EDC		A
A70HOSE & CONN ASSY	47FAR	EDCB .	FDC		5
A70PILOT ACTION		E00	EDB		AAAAAAAA
A70HANDLE	9947A	E00A	E00		A
A700 KYGEN STATUS INFO	17464	EDF	EDD		88888888
ATHINDICATOR LOX QTY	47ABA	EDEA	EDE		2
A 70 SWITCH, TEST	47ABB	EDEB	EDE		0
A7DCARTION LITE	12DP U	EDEC	EDE		1
A 70 NORMAL DXYGEN		EDF	EDA	EDB	55555555
A7DNARMAL DXYGEN		EDF	EDE		FAAAAAAAA
ATUSUPPLY & DIST		EDG	EDF		AAAAAAAA
A 7DCONVERTER	47444	EDGA	EDG		Α
A70COIL, BUILDUP	47ALB	EDGB	EDG		Δ
ATOVALVE, FILLER	47AAD	EDGC	EDG		2
A 700 ULK DISCONNECTS	47AAF	EDGD	EDG		5
A TOEXCHANGEP, HEAT	47AAJ	EDGE	EDG		A
A TOVENT ASSY	47A4L	EDGF	EDG		0
170H055	47AEH	EDGG	EDG		5
ATROUNTROL	47446	EDH	EDF		AAAAAAA 5
A70VALVE, PRESSURE	476AC	EDHA	EDH		
ATOREGULATOR	47AAF	EDHS	EDH		3
ATUINTERNAL LIGHTING	TANG	EE	EDH	D	
A70 PRIMARY LIGHTING		LEA	E X E E	EEB	02222220
ATU SECONDARY LIGHTING		LEB	FF	K EEA	111111111
ATEINSTPUMENT LIGHTING		EEC	ĒĒA	N EEA	22222222
A7OUTILITY LIGHTING		EED	EEB		22222222
A70 UTILITY LIGHT ASSY	44500	EEDA	EED		000000000
A 70 CHARTHOARD LIGHTING	44000	EEF	EER		000000000
A70 CHAPTROARD LIGHTS(2)	44ELA	EECA	FEE		5
A7D RHEUSTAT	44EDB	EELB	FFF		8
ATO FLIGHT INSTALIGHTING	44000	EEF	EFC		ΑΑΑΑΑΑΑΑ
ATO FLIGHT INST LIGHT SWITCH	445CA	EEFA	EEF		A
ATU CONTROL UNIT. LIGHT DIM	44BCK	EFFB	FEF		8
ATO FUSE PANEL	44ECF	EEFC	FFF		5
ATE TRIM PANEL INST.LICHT	44FCE	EEFD	EEF		Ü
ATD INSTALIGHTS 9 EACH	9944A	EEFF	EFF		1
ATT INST.LIGHTS 9 LACH	9944A	EEFF	ELF		Ů
ATO COMPASS LIGHT	4468D	EEFG	EEF		1
ATO TRANSFORMER -PEPLACED	44888	EEFH	EEF		A
A70 DIM COMP	446.LL	EFFJ	FEF		8
A70 DIM CIRCUIT CARD	44ECM	EEFK	EEF		8
ary bir circuit cano	44000		C C.F		

1234-67890123456789012345678901234567890123456789012345678901234567890 ATO RINNELIGHT INST LIGHT SW	0000000001111111111222222222223				
A		2345678			
ATO CONTROL DATE LIGHT DIM A HOLK EEGC EEG					
ATO	그 그 아이들은 아이들은 아이들이 가장 하는 것이 되었다. 그들은 아이들은 그리고 있다면 다른 사람들이 되었다.				
ATO TPIM PANEL, INST., LIGHT 448CE \$F60 \$E6 \$C6 \$C7 \$C7					
A70					
A7B	ATO TRIM PANEL, INST. LIGHT	44FCE	FEGD	EFU	J
ATO	- Committee of the comm	99441	EFGE	LLG	1
### ATO DIM COMP ASSY #### 4400	ATD INST.LIGHTS 7 FA.	5944A	EEGF	FEG	0
A70	A70 TRANSFORMER -REPLACED	448HA	EEGG	t F G	A
### ### ##############################	A7D DIM COMP ASSY	44PCL	EEGH	FFG	3
A 70	A7D DIM CARD	44BCM	EEGJ	EEG	4
A70	A TOAUX FLOOD LIGHTING		EEH	IE3	111111111
A71	ATO CINSOLE LIGHT SWITCH	44BCA	EFHA		
### ##################################	A70 SWITCH, AUX FLOUD DIM	44BDE	EEHB	6511	Δ
### ### ##############################	A79 DIM PANEL, INT/EXT	446CC	EEHC	FFH	1
A70 CONTROL UNIT, LIGHT DIM 440CK CEUS LEU B A70 CONTROL UNIT, LIGHT DIM 440CK CEUS LEU B A70 CONSIDER LIGHTS(42) 9944b FEUD FEU A A70 TRANSFORMER-REPLACED 448AA FEU B A70 TRANSFORMER-REPLACED 448AA FEU B A70 DIM CARD 440CK EFUF B A70 FUGE LIGHT PANEL 440CF FEU FEU B A70 FUGE LIGHT PANEL 440CF FEKA FEK B A70 FUGE LIGHT PANEL 440CF FEKA FEK B A70 FUGE PANEL 440CF FEKA FEK B A70 FUGE PANEL 440CF FEKA FEK B A70 TRANSFORMER-REPLACEL 440CF FEKA B A70 TRANSFORMER-REPLACEL 440CF FEKA B A70 DIM COMPONENT 440CF FEKE FEK B A70 DIM COMPONENT 440CF FEKE FEK B A70 DIM COMPONENT 440CF FEKE FEK B A70 DIM CARD 440CM FEKE FE B A70 DIM CARD 440CM FEKE FE B A70 DIM CARD 660AM FEE B A	A70 AUX FLOOD LIGHTS(8)	44101	EEHD	FEH	1
A70 CUNTROL UNIT, LIGHT DIM 448CK CEUB EFJ 5 A70 FUSE PAREL 448CF FEUC EFJ 5 A71 CONSOLE LIGHTS(42) 99448 FFJD FFJ 0 A71 TRANSEDRMER-REPLACED 448AA FFJE EFJ A A71 DIM COMPONENT 448CL EFJF EEJ B A70 DIM COMPONENT 448CL EFJF EEJ B A70 EDGE LIGHT PANEL 444CM EFJG FFJ 5 A70 FUDODLIGHTS(4) 44FDF EEKA EFK EFK A70 FUDODLIGHTS(4) 44FDF EEKA EFK A A70 FUDODLIGHTS(4) 44FCA EEKB EFK A A70 FUSE PANEL 44RCF EFKO EFK B A70 TRANSEDRMER-REPLACED 44BDG EEKF EFK B A70 TRANSEDRMER-REPLACED 44BCG EEKF EFK B A70 DIM CARD 44BCG EEKF EFK B A70 DIM CARD 44BCG EEKF EFK B A70 DIM CARD 44BCG EEKF EFK B A70 ANTI-5 FIVIRONMENT EFA EFA 2 A70 SUIT, ANTI-C 96AAF EFAB EFA 2 A70 SUIT, ANTI-C 96AAF EFAB EFA B A70 SUIT, ANTI-C 96AAF EFAB EFA B A70 ANTI-5 ATS EFFB 4 A70 ANTI-5 ATS EFB 4 A70 ANTI-5 ATS EFFB 4 A70 ANTI-6 ATS EFB EFB EFB A A70 ANTI-6 ATS EFB EFB EFB A A70 ANTI-6 ATS EFB EFB EFB A A70 ANTI-6 ATS EFB EFB EFB EFB A A70 VALVE, CHECK 416AB EFDB EFB EFB A A70 VALVE, CHECK 416AB EFDB EFB	ATECHNISPLE LIGHTING		FFJ	EFA	111111111
A70	A70 CONSOLE LIGHT SWITCH	441 LA	EEJA	FiJ	Δ
A70 CONSOLE LIGHTS(42) 9944B FFJD FFJ O A70 TRANSFORMER-REPLACED 44PAA FFJF EFJ A A71 DIM COMPONENT 44BCL EFJF EEJ B A71 DIM CARD 44PCM EFJF EEJ B A70 EDGE LIGHT PANEL 44PCM EFJF FFJ D A70 EDGE LIGHT PANEL 44PCM EFJH FFJ D A70 FLOODLIGHTS(4) 44PCM EEKB EEK Z A70 FLOODLIGHTS(4) 44PCM EEKB EEK A A70 FLOODLIGHT SWITCH 44PCM EEKB EEK A A70 FUSE PANEL 44PCM EEKB EEK B A70 FUSE PANEL 44PCM EEKB EEK A A70 TRANSFORMER-REPLACED 44PCM EEKB EEK B A70 DIM COMPONENT 44PCM FFKF EEK B A70 DIM COMPONENT 44PCM FFKF EEK B A70 DIM CARD 44PCM FFKF EEK B A70 DIM CARD 44PCM FFKF EEK B A70 DIM CARD 44PCM FFKF EEK B A70 ANTI-5 FOURDNMENT EFA EFA EFA COUCCOCC A70 SULTANTI-6 9CAAF EFAA EFA B A70 FROSUPE SULT ENVIRONMENT EFA EFA B A70 HOSE, VENT ALE 96/ALL EFGE EFB A A70 ANTI-6 ALR FFC EFAB EFA A A70 VALVE, CHECK 41BBA EFOA EFO A A70 VALVE, CHECK 41BBA EFOA EFO A	A7" CHATROL UNIT, LIGHT DIM	44BCK	CF JB	LFJ	8
A70 TRANSFORMER-REPLACED 44PAA FEJE EFJ A A70 DIM COMPONENT 44BCL EFJF EEJ B A70 DIM CARD 44PCM EFJG FFJ B A70 DIM CARD 44PCM EFJG FFJ B A70 EDGE LIGHT PANEL 44BCF EFJH FFJ D A70FLOOD LIGHTING FEK EFE IIIIIIIII A70 FLOODLIGHTS(4) 44FDF EEKA FEK Z A70 FLOODLIGHT SWITCH 44ECA EEKB EEK A A70 CONTROL UNIT, LIGHT DIM 44BCK EEKC EFK B A70 FUSE PANEL 44BCF EFKO EFK A A70 TRANSFORMER-REPLACEC 44BCG EEKF EEK B A70 DIM CARD 44BCM FEKG EEK B A70 DIM CARD 44BCM FEKG EEK B A70 DIM CARD 44BCM FEKG EEK B A70 SUIT, ANTI-G 9CAAF EFAA EFA B A70 SUIT, ANTI-G 9CAAF EFAA EFA B A70 FXPOSUPE SUIT ENVIRONMENT CEB EFA EFA B A70 FXPOSUPE SUIT ENVIRONME	A70 FUSE PAREL	44BLF	EEJC	EfJ	5
A70 DIM COMPONENT 440CL EFJF LEJ B A70 DIM CARD 44PCM BEJG FFJ 5 A70 FDGE LIGHT PANEL 44DCF ELJH FFJ 0 A7DELDOD LIGHTING EEK LEE 1 A7D FLOODLIGHTS(4) 44PDF EEKA FEK 2 A7D FLOODLIGHT SKITCH 44PDF EEKA ELK A A7D CONTROL UNIT, LIGHT DIM 44BCK EEKC EFK 8 A7D FUSE PANEL 44BCF FEKD LEK A A7D TRANSFORMER-REPLACEL 44BCG EEKF EEK B A7D DIM CARD 44BCM FEKG ELK 8 A7D DIM CARD 44BCM FEKG ELK 8 A7D SULLANTI-G 96AAF EFAA LEA 2 A7D LIME, ANTI-G 96AAF EFAA LEA 2 A7D SULLANTI-G 96AAF EFAA LEA 3 A7D SULLANTI-G 96AAF EFAA LEA 3 A7D SULLANTI-G 96AAF EFAA LEB 3 A7D LIME, ANTI-G 96AAF EFAA LEB 3 A7D HOSE, VENT ALE 96AB LEB 4 A7D ANTI-G AIR FELD A A7D ANTI-G AIR FELD A A7D VALVE, ANTI G 416BC EFD EFD	ATE CONSULE LIGHTS (42)	99446	FFJ0	cel	0
A70 01M CARD 44PCM EFJG FFJ 6 A70 EDGE LIGHT PANEL 44BCF EEJH FFJ 0 A7D FLOODLIGHTS(4) FEK EEK EEK 2 A7D FLOODLIGHT SWITCH 44ECA EEKB EEK A A7D FUND 44BCM EEKC EEK A A7D FLOODLIGHT SWITCH 44BCM EEKB EEK B	ATO TRANSFORMER-REPLACED	44BAA	EFJE	EFJ	٨
A7D EDGE LIGHT PANEL 44BCF ELJH FFJ 0 A7DFLOOD LIGHTING EEK LEEK LEEK 2 A7D FLOODLIGHTS(4) 44FDF EEKA EEK 2 A7D FLOODLIGHT SWITCH 44ECA EEKB EEK A A7D CONTROL UNIT, LIGHT DIM 44BCK EEKC EFK 8 A7D CONTROL UNIT, LIGHT DIM 44BCK EEKC EFK 8 A7D FUNE PANEL 44BCK EEKC EFK A A7D FUNE PANEL 44BCK EEKC EFK A A7D DIM CARD 44BCK EFKF EFK A A7D DIM CARD 44BCM EFKF EFK B A7D ANTI-G 96AAF EFKG EEK B A7D SUIT, ANTI-G 96AAF EFAA EFA B A7D ANTI-GAIR 96AAF EFAA EFB B A7D	A71 DIM COMPONENT	44UCL	EFJF	EEJ	8
A7DFLOOD LIGHTING EEK LSE 111111111 A7D FLOODLIGHTS(4) 44FDF EEKA FEK 2 A7D FLOODLIGHT SWITCH 44BCA EEKB EEK A A7D FLOODLIGHT SWITCH 44BCA EEKB EEK A A7D CONTROL UNIT, LIGHT DIM 44BCK EEKC EFK B A7D FLOODLIGHT DIMERT 44BCA EEKC EFK B A7D TRANSFORMER-REPLACEL 44BCA EEKC EEK A A7D DIM CARD 44BCA EEKF EEK A A7D DIM CARD 44BCA EEKF EEK B A7D ANTI-G 44BCA EEKF EEK A A7D SUIT, ANTI-G 96AAF EFAA EFA B A7D SUIT, ANTI-G 96AAF EFAA EFA B A7D ANTI-G AIF EFA BEB AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	A70 014 CARD	44HCM	EF JG	FF J	8
A7D FLOODLIGHTS(4)	A70 EDGE LIGHT PANEL	44 LCF	ELJH	FFJ)
A 70	A7DELOOD LIGHTING		EEK	LFE	111111111
A70 CONTROL UNIT, LIGHT DIM 44BCK EEKC EFK 8 A70 FUSE PANEL 44BCF FFKO EFK A A70 TRANSFORMER-REPLACED 44BDG EEKE EEK A A70 DIM COMPONENT 44BCM FFKG EEK B A70 DIM CARD 44BCM FFKG EEK B A70 SUIT ENVIRONMENT EFA EF OCCOLOGO A70 SUIT, ANTI-G 96AAF EFAA EFA Z A70 LIME, ANTI-G 96AAF EFAA EFA B A70 FXPOSURE SUIT ENVIRONMENT CIB EF OCOOCOCO A70 SUIT, ANTI-EXPOSURE CEAAC EFRA EFA B A70 FXPOSURE SUIT ENVIRONMENT CIB EF OCOCOCOCO A70 SUIT, ANTI-EXPOSURE CEAAC EFRA EFA B A70 ANTI-6 AIR 96/AP EFA EFB A A70 VALVE, CHECK 41BBA EFDA EFO A	A7D FLOODLIGHTS(4)	44FDF	EEKA	FEK	2
A 70 FUSE PANEL 44RCF FEKO EFK A A 70 TRANSFORMER-REPLACEL 44BDG EEKE SEK A A 70 DIM COMPONENT 44RCL FEKE SEK B A 70 DIM CARD 44BCM FEKG EEK B A 70 SUIT ENVIRONMENT EFA EFA COCCIOCCO A 70 SUIT.ANTI-G 96AAF EFAA EFA B A 70 FXPOSURE SUIT ENVIRONMENT CIB EF COCCOCCO A 70 SUIT.ANTI-G 96AAF EFAA EFA B A 70 FXPOSURE SUIT ENVIRONMENT CIB EF COCCOCCOCCO A 70 SUIT.ANTI-EXPOSURE CEAAD EFA B A 70 MOSE, VENT A IF 96/AI EF EFA A A 70 ANTI-6 A IR 96/AI EF EFA A A 70 ANTI-6 A IR 96/AI EF EFA A A 70 VALVE, CHECK 41BBA EFDA EFO A	A70 FLOODLIGHT SWITCH	44ECA	EEKB	EEK	Δ
A70 THANSFORMER-REPLACED 44BDG EEKE SEK A A70 DIM COMPONENT 44PCL FEKE SEK B A70 DIM CARD 44BCM FEKG EEK B A70 DIM CARD 44BCM FEKG EEK B A70 SULL ANTI-5 FIVIRONMENT EFA EFA B A70 SULL ANTI-6 96AAF EFAA EFA B A70 FXPDSURE SULL ENVIRONMENT CEB EFA B A70 FXPDSURE SULL ENVIRONMENT CEB EFA B A70 SULL ANTI-EXPOSURE CEAC EFBA LEB B A70 MOSE, VENT ALE 96/AP LEB B A70 ANTI-6 ALR FEFA EFA B A70 VALVE, CHECK 41BBA EFDA EFO A	A70 CONTROL UNIT, LIGHT DIM	44bCK	EEKC	FFK	8
A70 DIM COMPONENT 44PCL FEKE 5EK 8 470 DIM CARD 44BCM FEKG EEK 8 470 DIM CARD 44BCM FEKG EEK 8 470 SUIT ENVIRONMENT FF EX 001121130 A70 ANTI-5 FOVIRONMENT EFA EF 000010000 A70 SUIT.ANTI-6 96AAF EFAA EFA 2 A70 LIME.ANTI-6 96AAF EFAA EFA B A70 FXPOSURE SUIT ENVIRONMENT CF6 FF 000000000 A70 SUIT.ANTI-EXPOSURE 96AAF EFAA LFB 3 A70 HOSE.VENT AIR 96AAF EFAA LFB 4 A70 ANTI-6 AIR FFI FFA AAAAAAAAA AAAAAAAAAAAAAAAAA	170 FUSE PANEL	44HCF	FFKD	EFK	Δ
470 DIM CARD 44BCM FFKG EEK 8 470 SUIT ENVIRONMENT FF EX 001121130 A7D ANTI-5 FOVIRONMENT EFA EF 000010000 A7D SUIT.ANTI-6 96AAF EFAA EFA 2 A7D LIME.ANTI-6 96AAF EFAB EFA 3 A7D FXPOSURF SUIT ENVIRONMENT CFB EF 000000000 A7D SUIT.ANTI-EXPOSURE 96AAF EFBA LFB 3 A7D HOSE.VENT AIF 96AAF EFBA LFB 4 A7D ANTI-6 AIR FFI FFA AAAAAAAAA A7D VALVE.CHECK 41BBA EFDA EFD A	A70 TRANSFORMER-REPLACEL	448DG	EEKE	EFK	Δ
470 SUIT ENVIRONMENT	A70 DIA COMPONENT	44PCL	FFKF	FEK	8
A7D ANTI-5 FOVIRONMENT	470 DIM CARD	44BCM	FFKG	ELK	8
Δ7D SUIT.ANTI-G 96AAF EFAA EFA 2 Δ7D EIME.ANTI-G 96AAF EFAB EFA 3 Δ7D FXPDSURE SUIT ENVIRONMENT CFB EF 000000000 Δ7D SUIT.ANTI-EXPOSURE C6AAD EFBA LFB 3 Δ7D HOSE, VENT AIR 96AAD EFBA EFB 4 Δ7D ANTI-G AIR FFI FFA ΔΑΔΔΔΔΔΔΔΔ Δ7C VALVE, CHECK 416BA EFDA EFD Δ Δ7D VALVE, ANTI G 416BB EFDB EFD Δ	A 70SUIT ENVIRONMENT		FF	EX	001121100
A7D SUIT.ANTI-G 96AAF EFAA EFA 2 A7D LIME.ANTI-G 96AAG EFAB EFA 3 A7D FXPOSURE SUIT.ANTI-EXPOSURE CEABO EFBA LFB 3 A7D HOSE.VENT AIR 96/AII LFBE EFB 4 A7D ANTI-G AIR FFI SFA AAAAAAAAAA A7D VALVE.CHECK 416BA EFDA EFD A A7D VALVE.ANTI G 416BB EFDB EFD A	A7D ANTI-S FOVIRONMENT		EFA	E.F.	000010000
A7D LIME, ANTI-G 96 AG EF AB EF 000000000 A7D FXPDSURF SUIT ENVIRONMENT CF B EF 000000000 A7D SUIT, ANTI-EXPOSURE 96 AD EF BA LFB 3 A7D HOSE, VENT AIR 96 AD LFB EF B 4 A7D ANTI-G AIR FF I FF A AAAAAAAAA A7D VALVE, CHECK 416 BA EF DA EF D A A7D VALVE, ANTI G 416 BE FF DB FF D A	A70 SULLANTI-G	DEAAF	EFAA	LFA	
A70 SUIT.4NTI-EXPOSURE C64AD EFRA LFB 3 A7D HOSE, VENT AIR 96/AD EFBE EFB 4 A7D ANTI-G AIR FCI EFA AAAAAAAAAA A7C VALVE, CHECK 416BA EFDA EFD A A7D VALVE, ANTI G 416BB EFDB EFD A	ATD LINE, ANTI-G	SEAAG	EF AB	EFA	
A70 SUIT.4NTI-EXPOSURE C64AD EFRA LFB 3 A70 HOSE, VENT AIR 96/AD EFBE EFB 4 A70 ANTI-G AIR FCI FFA AAAAAAAAAA A70 VALVE, CHECK 416BA EFDA EFD A A70 VALVE, ANTI G 416BB FFDB FFD A	ATO EXPOSURE SUIT ENVIRONMENT		C1 6	E.	000000000
A7D HOSE, VENT AIR 96/AP LEBE EFB 4 A7D ANTI-6 AIR FFI FFA ΑΑΑΑΑΑΑΑΑ A72 VALVE, CHECK 416BA EFDA EFD A A7D VALVE, ANTI G 416BB EFDB FFD A	A79 SULT. ANTI-EXPOSURE	94432	EFRA	LFB	
470 ANTI-6 AIR 470 VALVE, CHECK 4168A EFDA 470 VALVE, ANTI G 4168 EFDB 660 A 440 EFD 470 AAAAAAAAA	A7D HOSE . VENT ALE	96741	LERE	EFB	
A70 VALVE, ANTI G 41000 FFD0 A			eri	CEA	AAAAAAAAA
A70 VALVE, ANTI G 41000 FFD0 A	A7. VALVE.CHECK	4168A	EFDA	EFO	Δ
				FFD	
AL SUPERIORS	ATO AIR SUPPLY/DIST		EFL	EFB	AAAAAAAA
ATE VALVE. SUIT FLOW CONT. 41ALA FEEA FEE		41AL4			
ATE VALVE-CHECK ALAUT EFTS FFT 1	그리아 회사 이 아이는 사람이 그렇게 하고 있다. 그리아 아이는 아이는 아이는 아이는 아이는 아이는 것이다.				
ATU TEMP CONTROL EFF CFB AAAAAAAA					
ATU SCLECTOR, SULT TEMP GIACH EFFA EFF 5		41404			
ATO CONT. BOX. FLECT. SUIT TOMP 41ATC FEER FEE					
ATO SENSUR SUIT TEMP. 41ADD FEEC EFF 4					
ATO VALVE, SULT TEMP. CONT. 41401 EFFO EFF A					

123+567890123456789012345678961	234: 0789			
ATOWINDSHIELD CLEAR		EG	LY	000000000
ATOMINOSHIELD TEMP.STATUS		EGA	FGK	ΑΑΑΑΑΑΑ
	41CBJ	EGAA	EGA EGA	Λ
A7D LIGHT, CAUTION/RAIN REMOVE:	LEDNO	EG3	FGN	666666666
ATDANTITICE/RAIN REMOVAL		EGC	EGA	FAAAAAAAA
ATOANTI ICE RAIN REMOVAL		EGC	EGM	AAAAAAAA
ATDANTIICE/RAIN REMOVAL		EGC	EGN	111111111
ATO CONTROL		EGD	EGB	AAAAAAAA
	41ACP	EGDA ·	EGD	A
	41DFA	EGDB	EGD	8
A70 SUPPLY/DIST		EGE	EG8	AAAAAAAA
그는 사용하다 그는 그들은 것이 그래요 하는 사람들이 없는 것이 없는 것이 없는 것이 없는 것이 없는 것이다.	41044	EGEA	EG ^c	A
	41DAB	EGFB	EGE	3
	ALDAC	FGFC	EGE	5
	ALDAD	EGED	EGE	4
	41046	FGEE	EGE	4
	ALLAH	EGEF	DB	1
A70 CONTROL MANUAL	•••	FGF	FGC	AAAAAAAA
	ALACR	EGFA	FGF	Δ
ATDAIR SUPPLY/DIST		EGH	FGC	AAAAAAAA
	41088	EGHA	EGH	8
	41CBC	EGHB	EGH	5
	41CFF	EGHC	EGH	5
그들이 사용하다 그 나는 사람이 가득하고 그 후에를 되었다면 하는 것이 되었다면 하는데 하는데 되었다.	9941F	EGHD	EGH	3
ATD PILOT ACTION		EGK	EGF K E	CG AAAAAAAA
ATO ANTI ICE		EGM	FG A	AAAAAAAA
ATO HAIN CLEAR		EUN	tG G	22222222
ATDEXTERNAL LIGHTING		EH	EHX D	111111121
A7DANTI-COLLISION LIGHTS		EHA	FH	000000000
A70 EXT LIGHT SWITCH	AGAES	EHAA	EH	4
ATU EXTERNAL LIGHT SWITCH	234AA N	EHAAA	EH	4
A70 RELAY	44AKA	FHAB	EH	2
A7D DIM PANEL, EXT/INT	44ECC	EHAC	EH	1
A70 UPPER LIGHT ASSY	44AGO	EHAD	EHA	2
ATO LOWER LIGHT ASSY	44AH0	FHAE	FHV	2
ATT SWITCH, ANTI CULL.	44HCA	EHAF	EHA	Δ
A7DPOSITION LIGHTS		ЕНВ	EH	00000000
A70FLOOD/FORMATION LIGHTS		EHC	EH	000000000
A7D SWITCH, FLOOD/FORMATION	44BCA	EHCA	EHC	A
ATOLAND/TAXI LIGHTING		EHD	EH	000000041
	44LF0	EHDA	EHD	A
	44AFB	EHDB	EHD	Α
	9944C	EHUC	EHO	Α
470 TAIL POS.LIGHTS		EHE	EHB	55555555
	44ADO	EHEA	EHE	5
	44ADA	EHEB	EHE	5
	44ECA	EHEC	EHE	Α
A7D WING POSITION LIGHTS		EHF	EHB	55555555
ATD WING LIGHT ASSY(2)	44FEC	EHFA	EHF	5

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-70 TRANSFORMERS(2) 44A		EHF	5
A7 SWITCH, WING POS 44P		EHF	Α
170 FLOOD LIGHTS	EHG	EHC.	55555555
ATUFLASHER	EHJ	EHB	000000000
170 FEASHER ASSY 44A	The same of the sa	EHJ	Δ
A7D RELAY 44A		FHJ	5
A 70 SWITCH, FLASH/STDY 441		EHJ	Δ
A7D FUSELAGE FLOOD LIGHTS	F HK	FHG	55555555
A70 LIGHT ASSY(2) 44A		EHK	5
1/3 TRANSFORMERS(2) 44A	EV EHKB	EHK	5
A70 TAIL FLOOD LIGHTS	EHI	EHG	55555555
4/1 LIGHT ASSY(2) 44A	CO FILA	FHL.	5
A77 TRANSFORMERS(2) 44A	CA FHLB	FHL	5
AT FORMATION LIGHTS	EHM	EHC	55555555
170 WING FORM LIGHT ASSY(2) 441	AC EHMA	EHM	5
ATT TRANSHORMERS(2) 442	IV FHAR	LHM	5
A TOMEFUEL PROME LIGHTS	FHN	EH	OCOAOAOOO
ATO AIR KCHUFT PROBE LIGHT-110460	(L LHNA	Ł HN	A
ATO TRASFIRMER 46P	CC ETINB	FHN	Λ
ATO SLIPWAY LIGHTS 2 FACH-NEWAGE	CG FHNC	FPV	5
A LOEXTERNAL LIGHTING ATTENUATE	EHX	ŁY	1111111111
I INTERNAL ENVIRONMENT	EX	F	055666A0
A TOF X TERNAL ENVIRONMENT	EY	<u> </u>	1111111121
A7DELIGHT CONTROL	f		ΑΔΑΔΑΔΑΔΑ
A7DLIFT AUGMENTATION	1 4	c	010000010
ATLIBATEING EDGE FLAP POSITION	FAA	F۸	010000050
A TOTE ATLING EUGE FLAP POSITION	FAA	FACA	FAAAAAAAAA
ATOLE ET TRAILING EDGE ELAP	LEAAA	FAA	ΑΔΑΔΑΔΔΔΔ
A 711 . RTAILING EDGE FLAP	LFAAA	FCDJ	CODOCCAD
ATOL .KTAILING EDGE FLAP	LEAAA	FLEQ	000000000
4701 -RTAILING EDGE FLAP	LEANA	FFKE	000000000
A TORIGHT TRAILING EDGE FLAP	REAAA	FAA	AAAAAAAA
ATO T.E.FLAP CYLINDR ASSY INDB 140		LFAAA	2
ATU T.E.FLAP CYLINDR ASSY INDP 146		REATA	2
470 T.E FLAP CYLINDR ASSY OUTBOILE		LFAAA	2
ATO THE FLAP CYLINDR ASSY DUTHDIAG		REANA	2
A70 FLAP ACTUATOR SWIVEL 4EA 146		LFAAA	5
ATO FLAP ACTUATOR SWIVEL 4EA 14G		RFAAA	5
		LFAAA	Ö
		REAAA	0
		LFAAA	2
A70 WING FUSE FLAP SWIVEL 21A 14G		REAAA	
ATO WING FUSE FLAP SWIVEL 2FA 146			2
A71 BLEFO VALVE ZEA 991		LFAAA	2
A70 BLESO VALVE ZEA 991		PFAAA	2
A70 T.E.FLAP INBD HINGE FITTING14G		LEAAA	8
ATE T.E.FLAP INBD HINGE FITTING146		REAAA	8
A70 T.E.FLAP OUTBO HING FITTING146		LFAAA	8
ATO T.E.FLAP OUTBO HING FITTING146		REAAA	8
A70 T.E.FLAP LOWER ING FITTINGG146		LFAAA	8
ATO, T.E. FLAP LOWER ING FITTINGG146	CC REAAAJ	SEVVA	8

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ATO HIAP SLOT DOORS
                                                       LFAAA
A70 FLAP SLOT DOURS
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                               14GCD
ATOTRAILING FORE FLAP SCHUATION
                                       FAAB
                                                        FAA
                                                                      SAAAAAAAA
A7DTRAILING FOGE FLAP SCTUATION
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                                       FAAR
A7DTRAILING EDGE FLAP SCTUATION
                                       FAAB
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                                                                      FAAAAAAAAA
A70 HYD VARIBLE CONTROL VALVE 14GEJ
                                       FAABA
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A70 CHECK VALVES ZEA
                               14GLK
                                       FAABB
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ATO FMERG SELECTOR BYPASS VALVE14GER
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ATOLEADING FORE FLAP POSITION
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ATOINBOARD LEADING EDGE FLAP
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ATOLEFT INBO LEADING EDGE FLAF
A70L.INSCARD L.E.FLAP
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ATORIGHT INBD LEADING EDGE FLAP
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A 7DR. INBOARD L.E. FLAP
                                      REABB
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ATO WING INDO L.E.FLAP CYLINDER14GEB
                                      LFABBA
                                                       LFABB
ATO WING INHO L.E.FLAP CYLINDEP14GEB
                                      REABBA
                                                       REABB
A70 WING OTBU L.E. FLAP CYLINDER 14GEC
                                      LFABBB
                                                       LFABB
ATO WING OTED L.E. FLAP CYLINGER14GEC
                                                       REABB
                                      RFABBB
ATO FLAP ACTUATOR SWIVEL 4FA
                              14GFH
                                      LFABBC
                                                       LFABB
ATO FLAP ACTUATOR SWIVEL 4FA
                               146FH
                                      REABBC
                                                       RFABB
ATT RESTRICTOR CHECK VALVE ZEA 14GEK
                                      LEABBD
                                                       LFABB
ATO DESTRICTOR CHECK VALVE 25A 14CEK
                                      REABBD
                                                       REABB
A70 CYLINDER ATTACH LINK INBD
                                      LFABBE
                                                       LEARR
                              146AA
ATD CYLINDER ATTACH LINK INHO
                               14GAA
                                      REABBE
                                                       REABB
ATO CYLINDER ATTACH LINK OUTSO 14GAB
                                      LFABBF
                                                       LEABB
                                                       REARB
A70 CYLINDER ATTACH LINK OUTSD 14GAE
                                      REABBE
A7D CENTER SECTION SEAL L.F.
                               14GAC
                                      LFABBG
                                                       LFA3B
A7D CENTER SECTION SEAL L.E.
                               14GAC
                                      REABBG
                                                       RFABB
A7D CENTER SECTION HINGE
                               146,40
                                      LFABBH
                                                       LFABB
ATO CENTER SECTION HINGE
                                                       REABB
                               14GAD
                                      REABBH
A 700UTBOARD LEADING EDGE FLAP
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ATOLEFT OUTSOARD L.F. FLAP
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A TOL. OUTBOARD L.E. FLAP
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ATORIGHT OUTBOARD L.E. FLAP
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A TOR . GUTBOARD L.F. FLAP
                                      REABD
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ATC WING INBO PNL FLAP CYLINDER 14CED
                                      LFABDA
                                                       LFABD
ATO WING INDO PNL FLAP CYLINDER 14GED
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A70 WING OUTR PNL FLAP CYLINDLR14GFE
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                                      LEARDS
ATO WING OUTP PNL FLAP CYLINDER 14GEE
                                                       REABD
                                      PEABUR
ATD FLAP ACTUATOR SWIVEL 10E4 14GEH
                                      LFARDC
                                                       LEARD
ATO FLAP ACTUATOR SWIVEL 10EA
                                      REABDC
                                                       REABD
                               14GFH
ATD RESTRICTOR VALVE 2FA
                               14GEK
                                      LFABOD
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A7D RESTRICTOR VALVE ZEA
                               14CFK
                                      REABDO
                                                       REABD
A7D OUTER PANEL LINK INBD
                                      LFABDE
                               14GBA
                                                       LEABD
ATO OUTER PANEL LINK INBO
                               14GFA
                                      REABDE
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A7D OUTER PANEL LINK OUTSD
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                                                       LEABD
                               1468B
A70 OUTER PANEL LINK OUTBO
                               14GbB
                                      REABDE
                                                       REABD
A7D DUTER PANEL SEAL LE FLAP TE14GBC
                                      LFABDG
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ATD OUTER PANEL SEAL LE FLAP TE14GBC
                                      REABDG
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A7D DUTER PANEL HINGES
                               14GBD
                                      LFABDH
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A70 OUTER PANEL HINGES	14GBD	REARDH	REABO	1
ATOLEADING FORE FLAP ACTUATION		FARE	FAH	SAAAAAAAA
ATPLEADING EDGE FLAP ACTUATION		FABE	LEABB	FAAAAAAAA
ATOLEADING EDGE FLAP ACTUATION		FARE	KEABB	FAAAAAAAA
ATPLEADING EDGE FLAP ACTUATION		FABE	LEABU	FAAAAAAAA
ATOLEADING EDGE FLAP ACTUATION		FABE	REABD	FAAAAAAAAA
A 70 WING FUSELAGE FLAP SWIVEL	14GFJ	FAREA	FARE	2
ATU RESTRICTOR VALVE	14GEK	FABER	FABE	ò
A70 SHUTTLE VALVE	99148	FAREC	FABE	2
ATD EMERG SELECTOR BYPASS VALVE		FABED	FACE	5
ATOTORNAL FLAP CONTROL		FACA	FACC	FACB 111111111
ATOM RHAL FLAP CONTROL		FACA	UHBJ	ΛΑΑΑΛΑΑΑ
ATE SLAP SELECTOR VALVE	14GEA	FACAA	FACA	Α
A7" CHECK VALVE 2LA	14GFK	FACAB	FACA	î
ATD PESTRICTOR VALVE	14GFK	FACAC	FACA	j
ATO FLAP HANDLE ISO SWITCH	14GJ4	FACAD	FACA	Å
ATO THAP HANDLE DOWN SWITCH	14638	FACAE	FACA	Ä
A70 TPAILING EDGE BEEP SWITCHES		FACAF	FACA	5
ATO RELAY PANEL (FLAP)	71AEE	FACAG	FACA	i
	42BAB	FACAH	FACA	0
ATT FLAP CONTROL ASSEMBLY	146DA	FACAJ	FACA	i
ATO CONTROL RED	1460D	FACAK		4
ATO BELLCRANK	14GDE	FACAL	FACA	Δ
A TOP MERGENCY FLAP CONTROL	14606	FACE	FACA	
ATO EMPRGENCY PLAP SELECTOR SW	146 10	FACRA	FACE	K FACA AAAAAAAA
A70 STERGENCY SEL SOL VALVE	14GFA	FACBB	FACB	A A
479 EMERG FLAP ACCUMULATOR PKG		FACRO	FACH	1
ATO EMENG PRESS DUMP VALVE	14GFG	FACBO		5
ATT THERMAL RELIEF VALVE	741		FACE	
	14GFD	FACE	FACE FA	2
ATOFLAP CONTROL		FACC		5010000056
			FAAB	FAAAAAAAA
ATRELAP CONTROL		FACC	FABE	FAAAAAAAA
A 7E EMERGENCY PRESSURE	11010	FACD	FACR	ΔΑΛΛΑΛΑ
ATO PRICHARGE PRES SHUTUF VALVE		FACDA	FACO	A
473 ACCUMULATOR	14GFF	FACDB	FACO	Α.
ATO EMERG FLAP ACCUMILATOR PKG		FACOC	FACO	1
A7D CHECK VALVE	14GFK	FACUD	FACD	1
ATD EXTENSION UNIT	14GFH	FACDE	FACD	C
ATD BLANKET	14G6A	FACOF	FACD	0
A TOT. E. FLAP POSITION INFORMATION		FADA	FAJ	111111111
ATO FLAP POSITION INDICATOR	14GHA	FADAA	FADA	Δ
ATE POSITION TRANSMITTER	14GHC	FADAB	FADA	Λ
A TOL. F. FLAP POSITION INFORMATON		FADE	FAJ	111111111
A70 L.C. POSITIUN SWITCH	14CHB	FADBA	FAOB	A
ATO FLAP POSITION INDICATOR	14GHU	FADRE	F 41)6	Δ
ATO L.E. UPLOCK SWITCH REA	14GHE	FADBC	FADB	4
ATOPILOT ACTION		FAJ	FACB	ΑΑΑΑΑΑΑΑ
A7DSPEED CONTROL		FB	Ł.	000010630
ATOSPEED BRAKE POSITION		FBA	FB	111111111
A 70 SPEED BRAKE POSITION		FBA	LBO	FAAAAAAAA

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A70 FUSE SPIED BRAKE FLEP ASSY 141AA FBAA A70 SPIED BRAKE FLEP ASSY 141AA FBAA A70 ACTUATION FBB 144BB FBBB AA A70 ACTUATION CYLINDER 144BB FBBB FBB AA A70 SPIED BRAKE SHUFL 21a 144BB FBBB FBB AA A70 SPIED BRAKE SHUFL 21a 144BB FBBB FBB AA A70 SPIED BRAKE SELLCTID SHITCH 144BB FBBB FBB AA A70 SPIED BRAKE SELLCTID SHITCH 144BB FBBB FBB AA A70 SPIED BRAKE THEORMATION FB AA A70 SPIED					
### AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA					
ATO ACTUATING CYLINDER		14FAA			
### ACTUATING CYLINDER 14-BB FBB A A A A A A A A A					
ATO 37.5 SPEED REAKE SHIFEL 21a 14+BC FIRSC FIRSC FIRSC FIRSC ATO SPEED REAKE SELECTION SMITCH FIRSC FIRSC FIRSC FIRSC ATO SPEED REAKE SELECTION SMITCH FIRSC FI					
ATO SPEED BRAKE UNIONORING VALVE 14FBF FRBD FBG FBB GODCZOGOO ATO SPEED BRAKE SELLCTUB SWITCH 14FCA FBG FBB ATO SPEED BRAKE SELLCTUB SWITCH 14FCA FBG FBB ATO SPEED BRAKE INFORMATION FBU FBG FBB 1111111111111111111111111111111		-			
ATOSPED REAKE ACT. COMMAND ATO SPEED REAKE SELECTION SWITCH14FEA FROM ATO RELAY K6 9014C FROM ATO RELAY K6 9014C FROM ATO SPEED BRAKE SELECTION SWITCH14FEA FROM ATO REPORT REAKE SELECTION NO 146CC FROM ATO SPEED BRAKE PUSITION NO 146CC FROM ATO REPORT REAKE PUSITION NO 146CC FROM ATO READ RELAKE PUSITION NO 146CC FROM ATO READ RELAKE PUSITION NO 146CC FROM ATO READ RELAKE PUSITION FROM FROM ATOR READ RELAKE PUSITION FROM FROM ATOR READ RELAKE PUSITION FROM ATOR READ RELAKE PUSITION FROM ATOR READ RELAKE PUSITION FROM FROM FROM FROM FROM FROM FROM ATOR ATOR					
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ATO RELAY K6		ILLECA.			
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ATO POSITION TRANSMITTER ATO WARNING LIGHT FC FC FC AAAAAAAAA ATO RUDDER PISTITIN FC FC FC AAAAAAAAA ATO RUDDER PISTITIN FC FC FC AAAAAAAAAA ATO RUDDER MIDDEF HINGE 14DA FC AB ATO PUDUER LOWER HINGE 14DA FC AB ATO PUDUER ACTIVATION ATORDODER ACTIVATION FC FC FC AAAAAAAAA ATORDODER ACTIVATION FC FC FC AAAAAAAAAA ATORDODER ACTIVATION FC FC FC AAAAAAAAA ATORDODER ACTIVATION FC FC FC AAAAAAAAAA ATORDODER ACTIVATION FC FC FC AAAAAAAAA ATORDODER ACTIVATION FC FC FC AAAAAAAAAA ATORDODER ACTIVATION FC FC FC AAAAAAAAA ATORDODER ACTIVATION FC FC FC AAAAAAAAAA ATORDODER ACTIVATION FC FC FC AAAAAAAAAA ATORDODER ACTIVATION FC FC FC AAAAAAAAAA ATORDODER POWER CONTROL ASSY 14DBC FC B FC FC AAAAAAAAAA ATORDODER POWER CONTROL ASSY 14DBC ATO WODDER FOR FC FC FC B I I I I I I I I I I I I I I I I I I		14166			
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ATO YAN CONTROL AMPL CHASSIS STOCK	FCUAE	FCDA	1
ATT NO.1A YAW CALIBRATOR 57CCL	FCDAF	FCDA	1
A73 NO.2 YAN CALIBRATOR 57CCM	FCDAG	FCDA	1
A70 NO.3 YAW CALIBRATOR 57CCP	FCDAH	FCDA	1
A70 NO.4 YAW CALIBRATOR 57CCQ	FCDAJ	FCDA	1
A70 NO.5 YAN CALIBRATOR STEER	FCUAK	FCDA	1
A70 HYDRAULIC YAW ACTUATUR 2EA 57ECB	FCOAL	FCDA	1
A70HYD PRESSURE CONTROL	FCDH	FCDA	ΑΔΑΑΑΔΑΔΑ
A7D YAN SERVO SHUTDER VALVE 57FCA	FCDBA	FCDB	٨
ATO RELAY AMPLIFIER STUCK	FCUBB	FC98	Λ
A70 VOLTAGE CALIBRATOR 57CCN	FCDBC	FCDB	Δ
A70 YAN FOLLOW-UP TRANSLUCK 26457600	FCUBD	FCDB	1
ATUYAW STAB SFLECT	FCCD	FCDA	ΑΔΛΑΛΑΛΑ
ATTYAN STAB SELECT	FCDD	FEJE	ΑΛΑΛΑΛΑΛΑ
A TOYAN STAR SELECT	FCOU	FEJF	ΑΔΑΔΑΔΑΔΑ
A70 MODE SELECT PANEL 57AAA	FCODA	FCDD	1
ATO MODE SELECT SWITCH 57AAC	FCOOB	FCDD	Δ
ATHLATERAL COMMAND STONAL DIST	FCUE	FCDA	ΑΑΑΑΑΑΑΑ
A TOLATERAL COMMAND SIGNAL DIST	FCDE	FCE	FAAAAAAAA
ATO THREE STAGE AMPLIFIER 2EA 57CCD	FCDFA	FCDE	1
ATO DUEL ELECTRONIC SWITCHS 2EASTCCE	FCDE3	FCUF	1
ATT YAW ENLLOW-UP TRANSDUCERZEASTECD	FCDEC	FCDE	1
A TULATERAL ACCELLERATION CMD	FCDF	FCDE	COAAAAAOO
A 70 THREE STAGE SIGNAL AMPL 2FA57CCD	FCDFA	FCOF	1
A70 TRANSFORMER 57006	FCOFB	FCDF	Δ
170 5 DEGREE/SEC SYNCHRUNIZER STCCT	FCDFC	FCUF	Δ
ATO DUAL ELECTRONIC SWITCHS ZEASTOCE	FCDFD	FCDF	Δ
ATU THE STAGE FINAL AMPLIFIER 57CCS	FCDFE	FCOF	A
A 70 THREE STAGE AMPL 2FA 57CCC	FCOFF	FCUF	· A
A70 LINEAR LATERAL ACCELEROMETRS78CJ	FCDFG	ECDE	Δ .
A70 THIM COUPLING TRANSFORMER 57CCG	FCOFH	FCDF	1
A 7D YAW ACCEL DISCONNECT SWITCH578CK	FCDFJ	FCOF	Α
ATE RUDDER NEUTRAL SWITCH 14EEC	FCDFK	FCDF	Λ
ATETRIA CONTRUL	FCOG	FCDE	010000010
A 70 RUDDER TRIM POTENTICMETER 578CH	FCDGA	FCDG	A
ATJARI COMMAND CHANGE	FCDH	FCDE	001111110
ATU RUDDER INTERCONNECT XDUCER STRCF	FCDHA	FCUH	1
A TO VARIBLE RESISTOR GUIDE ASSYSTECT	FCDHB	FCDH	1
ATEVET INTERCONN BELLCRANK 14660	FCUHZ	FCDH	2
ATTELAP PUSITION GAIN	FCDJ	FCOK	0000000040
ATH YAW GAIN CHANGER FLAP SW 578CE	FCDJA	FCOJ	Α
ATORATE COMMAND SIGNAL DIST	FCDK	FCDA	55555555
ATO DUAL ELECT SWITCH 2EA 57CCE	FCDKA	FCOK	1
ATO RELAY AMPLIFIER ZEA 57CCB	FCDKH	FCDK	1
ATDAFCS YAW RATE	FCDL	CBO	111111111
ATOYAW RATE COMMAND	FCOL	FCDK	AAAAAAAAA
A 70 RATE GYRO ASSY 2EA 578AG	FCOLA	FCOL	1
ATT YAN GYPO 2FA 578AK	FCDLB	FCDL	1
A7DYAW AFCS INDICATION	FCE	DZFX I	FCDE 000000000
A70 MULTIPURPOSE INDICATOUR 57448	FCEA .	FCF	1

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12 1455 /89012345678901234567890				345678901234567890
A70 SIGNAL MODULATOR	57CCF	FCFB	FCE	1
A7D AUTO YAW INDICATOR	9957B	FCEXA	FCL	1
A7GPLICH CONTROL		FD	F	CAAAAAAA
A 7 MORMAL ACTIBATION		FDA	+D	111111111
A TOL . BACK UP ACTIVATION		LFDH	ŁD.	KREDC AAAAAAA
ATOR. BACK UP ACTIVATION		REDB	-0	KLFDC AAAAAAAA
A70HYD PRESS ATTENUATION		FOC	i-0	111111111
AZOL . ACTUATION		LFDC	ECOH.	FAAAAAAAA
A 70L - ACTUATION		LFDC	FDA	ΑΑΛΑΑΑΑΑ
A70L.ACTUATION		LFDC	LFDE	ΛΑΛΑΛΑΛΑ
ATUR. SCTUATION		REDC	FDA	ΑΛΑΑΛΑΑΛ
A TOR • ACTUATION		REDC	REDB	ΑΛΑΛΑΛΑΛ
A7 - ACTUATOR	14EAF	LFOCA	LFDC	A
A 71) ACTUATOR	14EAF	REDCA	REDC	A
A TO FUNK SPRING	14EBG	LEDCB	LFDC	A
A70 FUNK SPRING	14ERC	REDCB	REDC	A
A70 UHT PC SERVO ASSY	14EBH	LEDCC	LFOC	4
ATO UHT PC SERVO ASSY	14EBH	REDCC	REDC	A
ATD CONTROL RODS AND LINKS GEA		LFDCD	LFDC	4
ATO CONTROL PODS AND LINKS GEA		REDCU	BEDC	A
ATT BELL CRANKS AND TOLERS SEA		LEDGE	LFDC	A
A70 BLLL CRANKS AND IDLERS SEA		REUCE	RFDC	A
ATO UHT CYLINDER ASSY	14ECA	LEDCE	LFDC	A
A70 UHT CYLINDER ASSY	14ECA	REDGE	REDC	Δ
A70 SLEEVE AND SLIDER VALVE AS		LFUCG	LFDC	Α
ATO SLEEVE AND SLIDER VALVE AS	Y14ECB	REDCG	REDC	Λ
ATOMOTION TRANSMISSION		FDD	FD	SAAAAAAAA
A70MOTION TRANSMISSION		FUD	L. FDC	FAAAAAAAA
A7DMUTION TRANSMISSION		FDD	REDC	FAAAAAAAA
ATOMOTION TRANSMISSION		FOD	FOEU	FAAAAAAAA
A 70 MOTION TRANSMISSION		FDD.	FDEY	FAAAAAAAA
ATO PLICH TRIM ACTUATOR	14EDA	FODA	EUD	2
ATO HORIZ STAB FELL TRIM LINK	14EFF	FODC	FUD	3
A70 CONTROL RODS	14EET	FOOD	FUD	A
ATH BELLCRANKS AND IDLEPS	14EBU	FODE	FDD	A
A70 HOSTZONTAL TAIL ASSEMBLY	14EAA	LFDE	FD	A
ATE HORIZONTAL TAIL ASSEMBLY	14FAA	REDE	FD.	^
ATDAUTGMATIC PITCH STABILIZATOR	4	FDCA	FUEAZ	011111110
A TOAUTO AUG ATTEN		FDFAZ	F00	111111111
A7DAUTOMATIC FLIGHT COMMAND		FDEB .	FOD	K FDFA AAAAAAAA
A TOAUT) SIGNAL CONDITIONER		FDEC	FDEA	ΑΑΑΑΑΑΑ
ATDAUTO SIGNAL CONDITIONER		FDFC	FDEB	AAAAAAA
A70 PITCH SERVO VALVE 2FA	STEAC	FDECA	FDEC	1
A7D VOLTAGE REGULATOR ZEA	57CAA	FDECB	FDEC	1
ATO ACTUATOR DRIVER DEMOD 2EA	57CAC	FDECC	FDEC	1
A 7D THREE STAGE AMPL 2FA	57CAD	FDECD	FDEC	
A7D TRANSFORMER 2EA	57CAG	FDECE	FDEC	1
A70 PITCH CONT AMPL CHASSIS	57CAQ	FUECE	FDEC	0
A70 NOT PITCH CALIBRATOP	57CAM	FDFCG	FDEC	1
A7D NOZ PITCH CALIBRATOR	57CAN	FDECH	FDEC	1

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12345678901234567890123456789012345678901234567890123456789012345578901234557890123455
                                STEAP
ATO MOS PITCH CALIBRATOR
                                        FDECJ
                                                          FULC
ATE NO4 PITCH CALIBRATOR
                                STIAK
                                        FUECK
                                                          FDFC
A70 NOS PITCH CALIBRATOR
                                57CAS
                                        FDECL
                                                          FOLC
A 70 NOS PITCH CALIBRATOR
                                STEAT
                                        FDECM
                                                          FDEC
ATO NOT PITCH CALIBRATOR
                                STCAU
                                        FDFCN
                                                          FUEC
ATT ELECT DUAL SWITCH 2LA
                                STEAF
                                        FOLCP
                                                          FUEC
ATO PITCH HYD ACTUATOR
                                578A1
                                        FDECQ
                                                          FULC
A TOHY DO AULIC PRESS CONTROL
                                        FOFU
                                                          FOEC
                                                                         AAAAAAAAA
ATOHYDRAULIC PRESS CONTROL
                                                          FOHA
                                        FUED
                                                                        FARABABABA
ATH PITCH SERVE SHUTGER VALVE
                                STLAA
                                        FUFUA
                                                          FDFD
AZE PITCH FOLLOWUP XOUCE ZEA
                                STEAL
                                        FDEOR
                                                          FUFD
                                STIAF
ATH BELAY AMPLIFIER
                                        FOFDC.
                                                          FDLD
                                                                       Δ
ATO VOLTAGE CALIBRATOR
                                57CAV
                                        FDEDD
                                                          FDED
ATTICUMTROLLED AUG SIGNAL
                                        FULF
                                                          FILA
                                                                         ALSAAAAAA
ATORATE SIGNAL CONDITION
                                        FOLG
                                                          FDFF
                                                                         AAAAAAAAA
ATO RELAY AMPLIFIER 2EA
                                                          FDEG
                                57CAB
                                        FDEGA
A TOP ITCH PATE SIGNAL
                                        FOLH
                                                          FREG
                                                                         ΔΛΔΛΔΛΔΛΔ
AZD RATE GYRD ZEA
                                57BAG
                                        FDEHA
                                                          FOFH
                                                                       1
ATO PITCH GYRD 2EA
                                576AH
                                        FDEHB
                                                          FDEH
ATDAUG PATE/AUTO SIGNAL PROCESS
                                        FOLL
                                                          FDEG
                                                                         AAAAAAAAA
ATTAUG RATE/AUTO SIGNAL PROCESS
                                        FDEJ
                                                          FOER
                                                                          AAAAAAAA
ATO DUAL ELECTRONIC SWITCH 254 57CAF
                                        FDEJA
                                                          FUEJ
A78ACCELERATION SIGNAL CONDITON
                                        FIFK
                                                          FULF
                                                                         55555555
A TOACCELERATION SENSING
                                        FOLL
                                                          FULK
                                                                         PAAAAAAA
ATO MORMAL ACCELEROMETER 21A
                                        FOFLA
                                                          FOEL
A TOFORCE/ACCEL SIGNAL PROCESSOR
                                        FOEM
                                                          FOFK
                                                                         ΑΔΛΔΛΔΛΔΛ
ATHERREPACCEL SIGNAL PROCESSOR
                                        FUEM
                                                          FOFN
                                                                         AAAAAAAAA
A70 THREE STAGE AMPLIFIER ZEA 57CAD
                                        FUEMA
                                                          FDEM
470 DUAL ELECTRONIC SWITCH 2EA STOAL
                                                          FOEM
                                        FOEMB
ATO DEAD ZONE/FORCE 3 STAG AMPLSTCAD
                                                          FDEM
                                        FDEMC
A70STICK FORCE SIGNAL
                                        FLEN
                                                          FOFB
                                                                         ΛΑΛΑΛΑΔΑΛ
ATO RELAY AMPLIFIER
                                57CAB
                                        FOENA
                                                          FOEN
   PUAL ELECTRONIC SWITCH
                                57CAF
                                        FOENB
                                                          FUEN
A MOSTICK FORCE SENSING
                                        FDEP
                                                          FDEN
                                                                         AAAAAAAA
ATH STICK FORCE TRANSDUCER ZEA STAAD
                                        FOEPA
                                                          FOLP
ATO STICK FORCE XDUCER ADAPTER
                                        FOFPB
                                                          FULP
                                57AAH
                                                                       1
                                        FUFPC
                                                          FDEP
A7D STICK GRIP
                                14444
ATOFLAP POSITION GAIN
                                        FOLO
                                                          FOEC
                                                                         010000033
ATCAUTOMATIC FLIGHT SIGNALS
                                        FDER
                                                          FUER
                                                                         AAAAAAAAA
ATUSIGNAL SUMMER
                                        FUES
                                                          FDFR
                                                                         6000000000
ATO THREE STAGE AMPLIFIER 2EA
                                57CAD
                                        FOFSA
                                                          FUL'S
ATO SLOW IN GATE LIMITER 2FA
                                57CAJ
                                        FDESB
                                                          FOFS
ATRATIZALT SIGNAL PROCESSOR
                                                                        2000000000
                                        FOET
                                                          FOFR
A TUATT/ALT SIGNAL PROCESSOR
                                        FOFT
                                                          FOFU
                                                                        F0000000000
ATEATT/ALT SIGNAL PROCESSOR
                                        FDET
                                                          FDF Z
                                                                        F000000000
ATO THREE STAGE AMPLIFIER 2EA
                                57CAD
                                        FDETA
                                                          FOFT
A 70 ONE STAGE FINAL AMP 214
                                57CAH
                                        FOETB
                                                          FOET
A 70 30 DEGREE/SEC SYNCHRO 2EA
                                        FUETC
                                57CAL
                                                          FOI T
                                        FDEU
                                                          FDFR
                                                                         000000000
ATDALTITUDE HOLD SIGNAL
AT MIAL ELECTRONIC SWITCH
                                STCAF
                                        FUEUA
                                                          FULU
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12 - 450/80012345678901234567890				
A70 THANSFORMERS ZEA	57CAG	FDEUB	FOFU	Δ
A7. LIMITER AMPL	STCAJ	FOEUC	FOEU	Δ
ATT 5 DEGRET / SEC SYNCHRU	57CAK	FDEUD	FDEU	Α
A7. ALTITUDE HOLD SELECT	F744	FDEV	FDEU	ΑΛΑΛΑΛΑΛΑ
A7. TIP SELECT PAREL	STAAA	FDEVA	FDEV	1
ATTEMATE SELECT SWITCH	STAAC	FDEVB	FDEV	Α
ATTECHTOR OF SIGNAL CONTROL		FDEY	FDEC	ΑΑΑΑΑΑΑΑ
ATOMILL THE UP SIGNAL CONTROL		FDEY	FOHB	ΑΔΑΔΑΔΑΔ
ATT THAISDUCER ZEA	576AD	FUEYA	FDEY	2
A70 ATTITUDE HOLD SIGNAL		FDFZ	FDER	000000000
A 70 SHAFT	14FAR	LFDF	FD	Δ
A70 SHAFT	14FAB	REDE	FD	Α
ATTINHAL PITCH COMMAND		FDFA	FDD	888888888
A70 C MIRGE RODS	14446	FDFAB	FDFA	A
A71 PELLERAUK	14AAC	FDFAC	FDFA	A
A70 SHIVEL	14AAG	FOFAD	FDFA	Α
ATE CONTROL ROOS AND LINKS OF A	14EET	FOFAE	FDFA	A
470 BELLCHANKS AND TOLERS	14F6U	FDFAF	FDFA	Δ
AT 3 STICK ASSY	14440	FDFAG	FDFA	5
AT PITCH MANUAL INITIATE		FDFA	FDFA	AAAAAAAAA
ATT STICK GRIP	14444	FOFBA	FOFB	1
AT PITCH FLEE SENSING		FDFC	FDFA	222222222
AT LONGITURINAL FEEL STRUT AS	Y14LHE	FDFCA	FUFC	2
ATO STAB FEEL TRIM LINK ASSY	14EBF	FOFC3	FDFC	6
AZZ HORIZ STAB FEEL TRIM LINK	14EBF	FDFCB	FDGA	A
A77 FWI BURYEIGHT FALANCE SPEN	G14EBK	FDFCC	FDFC	2
ATO 12212 STABILIZER BOBWEIGHT	14EPA	FDFCD	FDFC	5
A70 AFT SOUNE IGHT BALANCE SPRE	G14FBJ	FORCE	FDFC	2
A75L NGITTUDE CONT BORWEIGHT	14FBC	FUFCF	FDFC	5
ATOPITCH DAMPER		FDFD	FDFA	111111111
ATT THE VISCOUS DAMPER	14868	FUFDA	FUFD	2
AT MET VISCOUS DAMPER	14FBD	FDFDB	FDFD	2
A70 T10	14FAC	LFDG	FD	Ö
AZO TIP	14FAC	RFDG	FD	o
A TUPLICH TRIM ACTUATION		FOGA	FDGO	FAAAAAAAA
ATOPITCH TRIM ACTUATION		FUGA	FDGE	300101010
A 70 PITCH TRIM ACTUATOR	14EDA	FOGAE	FDGA	A
ATOPITCH TRIM SIGNAL CONDITION		FOGB	FDGA	ΑΔΑΔΑΔΑΔΑ
A70 MODULE AL	146LA	FOGBA	FDGB	5
A70 MODULE A2	14PEB	FOGRB	FDGB	5
AT HOUSING ASSY	14BEC	FDGBC	FDGB	í
ATO COMPONENT ASSY A3	145ED	FDGBD	FDGB	5
ATO COMPONENT ASSY A4	148LE	FDGBE	FDGB	5
A70 PITCH TOLM AMPLIFIER	14BEC	FDGBF	FDGB	Δ
ATOPLICH TRIM CONTROL	14000	FOGC	FDGB	ΑΛΑΑΑΑΑΑ
A70 STICK GRIP	14604	FOGCA	FDGC	A
A79 TRIM DISCONNECT SWITCH	14FCC	FDGCB	FDGC	A
ATUPITCH TRIM INFORMATION	14111	FOGO		
A7D TOTAL INDICATOR	14EFA		FDJ	111111111
	-	FOGDA	FDGD	A
A70 SYNCHRO, TRIM	14FUB	FUGDE	FDGD	A

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AZORITCH TRIM ATTEN	FOGE	FOFA	111111111
ATE LEADING EDGE 14EAU	LEDH	FD	1
A70 LIADING EDGE 14EAU	REDH	FD	i
AZDAUTO PITCH INFORMATION	FUHA	DZFX 1 FDI	
A70 MULTIPURPOS INDICATOR 57AAH	FDHAA	FOHA	1
ATI AUTO PITCH INDICATOR 9957A	FOHAAA	+OhA	i
A70 SIGNAL MODULATOR MODULE 57CAF	FOHAB	FDHA	i
ATO PITCH ADVISORY LIGHT 44ECD	FUHAC	FEHA	i
AZ TRIMZINEO CONDITIONER	FOHB	FDGB	111111111
A7DT-1M/INFO CONDITIONER	FDH8	FDHA	FAAAAAAAAA
AT THREE STAGE AMPLIFIER STOAL	FOHBA	FOHH	4
ATOPILUT ACTION	FDJ	f D'sC	ΑΑΑΛΑΑΑΑ
AT TRAILING EDGE 14FAE	LEDJ	FD	1
A 70 TRAILING EDGE 14LAE	REDJ	FD	i
A70 HOUSING ASSEMBLY 14LAG	LEDK	+ 5	i
ATT HOUSING ASSEMBLY 14EAG	REDK	+0	0
A70 TORQUE CONTROL	FDO	FDA FO	
A70 TORQUE CONTROL	FDQ	LF03	ΑΑΑΑΑΑΑΑ
A70 TORQUE CONTROL	FDQ	REDR	4444444
ATO ACTUATOR HORN 14EAF	LEDGA	FOQ	٨
AT) ACTUATOR HORN 14646	REUGA	100	A
A70 UMT INTERCONNECT LINK 1411M	FORE	1:00	Δ
A70 UHT TOPQUE TUBE 1466A	FOOC	FDO	۸
ATUACTUATION SYNCHRONIZATION	FUS	FDA FO	
A70 LOAD LIMITING LINK 14FFP	LEDSA	rns	Δ
A70 LUAD LIMITING LINK 14EPP	REDSA	FRS	A
A 70 SERVO CONT INTERCONN LINK 14EER	FDSB	FDS	Δ
A70 SERVE CONTROL INTERCENNECT 14EBS	FDSC	FUS	Δ
A7D BELLCRANK 14EBU	LEDSC	FUS	Δ
470 SELLCRANK 1416U	REDSC	FDS	Α
ATORGIL CONTROL	FF	F	CAAAAAAAO
A TOLEFT ROLL	LFF	FF	085555AD
AZDE IGHT ROLL	REF	FE	0855555AU
ATLAILERON POSITION	FFA	LFE	F041121140
ATONILERON POSITION	FFA	RFE	F041121140
47WAILERON POSITION	FLA	FFAZ	5041121140
A TOLEFT AILERUN POSITION	LFEA	FEA	222222222
A 708 IGHT AIRERON POSITION	RFEA	FEA	222222222
ATD AILERON HINGE INBD FITTING 1486A	LFEAA	LFFA	2
ATO ATLERON HINGE INBD FITTING 148PA	RFEAA	LFLA	2
ATE ATLERON HINGE CTR FITTING 14886	LFEAB	l FEA	1
ATO AILERON HINGE CTR FITTING 148EP	REFAR	RFEA	1
A70 AILERON HINGE OUTBO FITTING 1488C	LFEAC	LFFA	2
ATO ATLEPUN HINGE DUTBD FITTING1468C	RFFAC	RECA	2
ATE ATELEON SEAL 14860	LFEAD	LFFA)
ATO AILERON SEAL 1488L	RFEAD	RFFA	0
ATO AILERON ASSEMBLY 14880	LFEAE	LFLA	Δ
ATO ATLENON ASSEMBLY 14880	RFEAE	RFEA	4
A7UAILERUN ATTEN	FEAZ	FE	SJ855555AJ
ATTLEFT ATLERON ACTUATION	LFER	LFFA	. AAAAAAAA

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A TORIGHT AILERON ACTUATION	1234.01	RFEB	3 FLA	AAAAAAAA
A70 AILFRON LOAD LIMITING LINK	14846	LFFBA	LFFR	A
ATO AILERON LOAD LIMITING LINK		REEBA	KFF6	Ä
A7D CONTROL ROOS TEA	14bAF	LFEBB	LFEB	Ä
ATOCONTROL RODS 7 E4	149AF	REEBB	REEB	Ā
ATD BELLCRANKS/IDLERS 9FA	14110	LFEBC	LFEB	Ā
A70 BELLCRANKS/IDLLKS 964	141 40	REESC	KFEB	Ā
ATU ALLERON CYLINDER ASSY	1440	LELHO	LFEB	Â
ATD AILERON CYLINDER ASSY	14800	REEBD	REEB	Ā
ATO ATLERON SERVO VALVE ASSY	145CE	LEEBE	LFEB	Ä
ATO ALLERON SERVO VALVE ASSY	14HCF	REEBE	REES	Ä
ATO WING FOLD SWIVEL JOINT	148CK	LEEBE	LFER	Ā
ATO WING FOLD SWIVEL JOINT	14PLK	REEBE	PFEB	Ā
ATD AILERUN ACTUATOR	14PCF	LFFBG	LFER	Ā
ATO AILERON ACTUATOR	14804	REFEG	PFEB	Ā
ATO EXTENSION UNIT. ALL ACT	14LLL	LFEBJ	LEEB	Ā
ATO EXTENSION UNIT, ALL ACT	146CL	REEBJ	REEB	Ä
A7D SWIVEL	14PCM	LFERK	LFEB	Ä
A7D SWIVEL	14PCM	REENK	KEEB	Ä
ATPLEET DEFLECTOR POSITION		LFFC	LFZ	22222222
ATORIGHT DEFLECTOR POSITION		REEC	RFZ	222222222
ATO DEFLECTOR ASSY	140/8	LFECA	LFEC	A
A70 DEFLECTOR ASSY	14016	REFCA	RFEC	Ä
A7D LINKAGE	14000	LFECB	LIFC	Ā
A70 LINKAGE	14CAC	REECH	RFEC	Ä
ATOLEET SPOILER POSITION	• • • • • • • • • • • • • • • • • • • •	LFED	LFEC	FAAAAAAAA
ATOLEFT SPOILER POSITION		LFED	LFZ	AAAAAAAA
A7DRIGHT SPOILER POSITION		REED	REEC	FAAAAAAAA
ATORIGHT SPOILER POSITION		REED	REZ	AAAAAAAA
ATO SPOILER ASSY	14004	LEFDA	LFED	4
A7DSPUILER ASSY	14CAA	REEDA	RFED	A
ATPLEFT SPOILER ACTUATION		LFEL	LFFD	AAAAAAAA
ATURIGHT SPOILER ACTUATION		RELE	REED	AAAAAAAA
ATO CONTROL RODS	1451F	LFEEA	LFEE	A
A70 CONTROL RODS	148AF	RFEEA	RFEE	A
A7D BELLCRANK/IDLERS	14BAG	LFEER	LFFE	Α -
ATD BELLCRANK/IDLERS	14BAG	RFEFB	PEEE	A
ATO LOAD-LIMITING LINK	146AH	LFFEC	LFEE	Δ
ATD LOAD-LIMITING LINK	14 FAH	RFEEC	RFEE	A
ATO SPOIL/DEFL ACTUATOR CYL	148CP	LFEED	LFEE	A
ATD SPOIL/DEFL ACTUATOR CYL	14BCP	RFEED	REEE	A
A7D SERVO VALVE ASSY	14BC 0	LFEEE	LFEF	Α
A70 SERVO VALVE ASSY	148CQ	RFEEE	RFEE	A
ATO SPOIL/DEFL CYL ASSY	14FCN	LFEEF	LFEE	5
ATO SPOIL/DEFL CYL ASSY	148CM	RFEEF	RFEE	5
A 7DEXTENSION UNIT	14RCR	LFFEG	LFFL	2
A7D EXTENSION UNIT	14PCR	RFEEG	RFFE	2
A TOROLL MOTION TRANSMISSION	REFER	FEF	FCDH	FAAAAAAAAA
ATDPOLL MOTION TRANSMISSION		FEF	FŁ	SAAAAAAAA
ATDROLL MOTION TRANSMISSION		FEF	LFER	FAAAAAAAA

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1234567890123456789012345678901234567	189012345673	9012345678901234	5678901234567890
ATOROLL MOTION TRANSMISSION	FEF	REER	FAAAAAAAA
ATOROLL MOTION TRANSMISSION	FEF	LFEE	FAAAAAAA
ATOROLL MOTION TRANSMISSION	FEF	PFEE	FAAAAAAAA
A TOROLL MOTION TRANSMISSION	FEF	FLJC	FAAAAAAAA
ATURDLE MUTION TRANSMISSION	FEF	FEJH	FAAAAAAAA
A70 FULL AFCS CONTROL ASSY 148AD	FEFA	FFF	Δ
LAND SPOILIAGE TRIM MIXING LINK 146AJ	FEFB	FFF	Α
A7D CONTROL RUD 148AF	FEFC	FFF	A
A7D BELLERANK/IDLER 148AG	FEFD	FEF	A
A7D QUICK DISCONNECT 14BCJ	FEFE	FEF	5
ATOMANUAL COMMAND	FEG	LEE	FEKA 88888888
A70 ROLL FEEL ISOLATH ACT. ASSY 1+BCA	FEGA	FEG	Δ
A7D ROLL FEEL ISCLATN ACTUATOR 14868	FEGB	FEG	٨
A70 ROLL FEEL ISC SERVU VALVE 14BCC	FEGC	FEG	A
A TORALL TRIM	FEH	FEG	000000010
A TOROLL TRIM	FEH	FEU	FAAAAAAAA
ATO FLECT MECH TRIM ACTUATOR 1480A	FEHA	FEH	Δ
A TOPILOT ACTION	FEJ	FER	AAAAAAAA
ATDAUTOMATIC ROLL STABILIZATION	FEJA	FEJZ	011111110
ATDAFCS FOLL RATE	FEJB	CBAFY	111111111
ATORULE RATE COMMAND SIGNAL	FEJB	FEJA	
A70 RATE GYRG 57L/G	FEJBA	FEJB	Δ
A7D RELAY AMPLIFIER 57088	FEJBB	FEJB	A
ATO ROLL GYRU 2 EA 576AJ	FEJBC	FFJB	1
A TOAFCS HYD PRESS CONTPOL	FEJC	FEJG	FAAAAAAAA
ATDAKES HYD PRESS CONTROL	FEJC	FEJK	ΑΑΛΑΑΛΑΛ
A7D ROLL SERVO SHUT OFF VALVE 57EFA	FEJCA	FEJC	A
A70 ROLL FOLLOW UP TRANSDUCER 57880	FEJCB	FEJC	,
ATO RELAY AMPLIFIER 570BE	FEJCC	FEJC	A
A7D VOLTAGE CALIBRATOR 57CHW	FEJCO	FFJC	A
ATOSTICK FORCE COMMAND SIGNAL	FEJO	FEJA	111111111
ATOSTICK FORCE COMMAND SIGNAL	FEJD	FFKA	ΑΑΛΑΛΑΑΛ
ATD STICK ROLL FORCE TRANSDUCERSTAAF	FEJOA	FEJD	2
ATO STICK FORCE XDUCER ADAPTER STAAH	FFJOB	FEJD	1
A7D THREE STAGE AMPLIFIER 57CED	FEJDC	FEJD	5
A7D DUAL ELECTRONIC SWITCH 3FA 57CBE	FEJDD	FFJD	1
ATU RELAY AMP2 GREATER 1.5 LBS 57CBB	FEJDE	FEJU	5
A7DCONTPOL AUG SELECT	FEJE	FDED	FEJF 111111111
A TOCONTROL AUG SELECT	FEJE	FUFF	FEJF 111111111
A TOCONTROL AUG SELECT	FEJE	+DEV	FEJF 111111111
ATDCONTRULLED AUG SELECT	FEJE	FEJA	FEJF 111111111
A7DCONTROLLED AUG SELECT	FEJE	FEKC	FEJF 111111111
A7D MODE SELECT PANEL 57AAA	FEJEA	FFJE	1
A7D MODE SELECT SWITCH 57AAC	FEJEB	FEJE	Α
A7DATTITUDE HOLD SELECT	FEJF	FDED	FFJE 111111111
A7DATTITUDE HOLD SELECT	FEJF	FDEF	FEJE 111111111
A704TTITUDE HOLD SFLECT	FEJF	FDEV	FEJE 111111111
A7DATTITUDE HOLD SELECT	FEJF	FDEZ	
A7DATTITUDE HOLD SELECT	FEJF	FEJA	FEJE 111111111
ATDATTITUDE HOLD SELECT	FEJF	FEKC	FEJE 111111111

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1234567890123456789012345678901	234501		18901234:		
A7DATTITUDE HOLD SELECT		FEJF		FEKG	AAAAAAAA
ATE MODE SELECT PANEL	571/A	FEJFA		FEJF	
A70 MODE SELECT SWITCH	STALC	FEJFB		FEJF	Α
A TOROLL AFCS INFORMATION		FEJG		DZFX	I FEKA 111111111
ATT SIGNAL MODULATUR	57681	FEJGA		FEJG	A
ATO AUTO POLL INDICATOR	00570	FEJGAA		FFJG	
ATE MULTIPURPOSE INDICATOR	57AAR	FEJGB		FEJG	1
A76 ROLL ADVISORY LIGHT	44400	FEJGC		FFJG	1
ATOFOLLOW UP SIGNAL		FEJH		FEJG	FAAAAAAAA
A7DEBLLOW UP SIGNAL		FFJH		FFJK	AAAAAAAA
ATO POLL FOLLOW UP TRANSDUCES	STELL	FEJHA		FEJH	2
AZJAUTA SIGNAL CONDITIONER		FEJK		FEJA	ΑΑΑΑΑΑΑ
A TOAUTO SIGNAL CONDITIONER		FEJK		FEKA	ΑΑΑΑΑΑΑΑ
ATO ACTUATOR DRIVER DEMENULATOR		FEJKA		FEJK	1
ATO THREE STAGE AMPLIFIER 4FA	57(10	FEJKB		FEJK	1
A70 DUAL ELECTRONIC SWITCH 4EA		FEJKC		FFJK	1
ATO CALIBRATOR NOT ROLL	57CFL	FEJKE		FEJK	1
ATO CALIBRATOR NOZ POLL	STEPM	FEJKG		FEJK	1
ATO CALIBRATOR NOS ROLL	STUEN.	FEJKH		FEJK	1
ATO CALIBRATOR NU4 ROLL	STCEP	FFJKJ		FLJK	1
ATO CALIBRATOR NOS POLL	57000	FFJKK		FEJK	1
A70 CALIBRATOR NO6 ROLL	57CET	FFJKL		FEJK	1 "
A70 CALIBRATUR NOT ROLL	57CFU	FEJKM		FFJK	1
ATO CALIBRATOR NOS ROLL	57(6V	FEJKN		FEJK	1
A70 ROLL CONTROL AMPL CHASSIS	57CBR	FEJKP		FEJK	0
A 70 HYDRAULIC ROLL ACTUATOR	57the	FEJKQ		FEJK	1
A 7D ROLL SERVO VALVE	578BC	FEJKR		FEJK	1
A7D VOLTAGE REGULATOR	57CFA	FEJKS		FEJK	5
ATOSTABILIZATION ATTENUATION		FEJZ		FEF	011111110
ATDAUTOMATIC FLIGHT COMMANDS		FEKA		FDER	F22222222
ATDAUTOMATIC FLIGHT COMMANDS		FEKA		FEF.	K FEG AAAAAAAA
A TOAUTO FLIGHT SIGNAL SUMMER		FFKB		FEKA	00000000
A70 THREE STAGE AMPLIFIER	57(80	FEKBA		FFKB	A
A7D TRANSFORMER	57CFG	FEKBB		FEKS	Δ
ATO MODULE, DUAL SWITCH	57CBX	FEKBC		FFKA	A
ATD 250 DEGREE PER SEC SYNCHRO	STCBK	FEKBD		FEKB	Δ
A TOHEADING SIGNAL CONDITIONER		FEKC		FEKB	330101000
ATD 5 DEGREE/SEC SYNCHPONIZER	57CBS	FEKCA		FEKC	A
ATO SLOW IN GATE LIMITER 2EA	57(BJ	FEKCB		FEKC	A
ATD THREE STAGE AMPLIFIER	57CPD	FEKCC		FEKC	A
ATO DUAL FLECTRONIC SWITCH	STORE	FFKCD		FEKC	A
ATO ONE STAGE FINAL AMPLIFIER	57CBH	FEKCE		FEKC	4
ATTHEADING SELECT SIGNAL CONT		FEKD		FEKC	CBKX 111111111
ATO RELAY AMPLIFIER	57CHB	FEKDA		FEKO	A
A7DFLAP GAIN		FEKE		FEKC	000000030
ATOMODE SELECT		FEKF		FEKC	AAAAAAA
ATD MODE SELECT PANEL	STANA	FEKEA		FEKF	1
ATD MODE SELECT SWITCH	STAAC	FEKER		FEKF	
ATDATTITUDE HOLD SIGNAL		FEKG		FEKB	000101000
ATDMANUAL INITIATE TRANSMISSION		FEL		FEG	AAAAAAAA

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123456780012345678901234567890	1234567	890123456	7890123456789012	2345673901234567893
A 70 FWD LOAD LIMITING LINK	14FAB	FELA	FLL	Α
ATO CONTROL RODS	148AF	FELB	FEL	A
ATO BELLCRANK/IDLER	14FAG	FELC	FFL	4
ATD AIL CONNECT LINK SWIVEL AS	Y14BAN	FELD	FEL	4
ATO CONTRUL ROD	14448	FELE	FEL	Δ
ATO RELL CRANK	14AAC	FELF	FFL	Λ
A70 SWIVEL	14000	FELG	FEL	Δ
ATLDAMPER AND FEEL		FEM	FEG	111111111
A70 AILERON FEEL TENSION SPRIN	G14BAA	FEMA	FEM	1
ATO POPMEIGHT ASSY	14BAL	FEMB	FEM	1
ATD VISCOUS DAMPER	146AM	FEMC	FEM	0
A70 EXTENSION UNIT	14PCG	FEMD	FEM	1
A7UMANUAL INITIATE		FEN	FEL	ΑΛΑΔΑΛΑΔ
A7D STICK GRIP	14444	FENA	FEN	1
A70 STICK ASSY	14440	FENB	FEN	5
A7DTRIM SIGNAL CONDITIONER		FEP	FFH	ΑΛΑΑΑΑΑΛ
A70 MODULE A1	14BEA	FEPA	FEP	5
A70 MUDULE A2	148EB	FEPB	FFP	5
ATO HOUSING ASSY	14BFC	FEPC	FEP	1
A TO COMPONENT ASSY A3	14BED	FEPD	FEP	5
A70 COMPONENT ASSY A4	14BEE	FEPE	FEP	5
A70 ROLL TRIM AMP	14PFO	FEPF	FEP	Α
ATOTELM INFORMATION		FEQ	FEJ	111111111
A7U TRIM INDICATOR	14EEA	FEQA	FEQ	Α
A TO TELM ACTUATOR SYNCHRONIZER	14806	FEQB	FFO	4
ATOTRIM CONTROL		FER	FEP	AAAAAAAAA
ATD STICK GRIP	14AAA	FERA	+FR	A
A70 TRIM DISENGAGE SWITCH	1460C	FERB	FER	A
A7DHYDRAULIC ATTENUATION		FEZ	FE	111111111
A 7D SPOILER / DEFLECTOR POSITION		LFZ	LFF	K FEA AAAAAAAA
470SPOILEP/DEFLECTOR POSITION		RFZ	RFL	K FEA AAAAAAAA
ATO GROND CONTROL		G		A500000A1
A70 GROUND SPEED CONTROLLED		GA	G	A300000AA
ATO EMERGENCY SPEED CONTROL		GAA	GA	C 00000CC10
A70 EMERGENCY SPEED CONTROL		GAA	GA	S 000000010
A70 HOOK DEPLOY CONTROL		GAAA	DZFX	FAAAAAAAA
ATDARRESTING HOOK DEPLOYED		GAAA	GAA	AAAAAAAA
470 HOOK DEPLOYMENT CONTROLLED		GAAB	GAAA	AAAAAAAA
A70 HOOK CONTROL SWITCH	13HDA	GAABY	GAAB	Δ
ATO HOOK HANDLE	13HCA	GAABZ	GAAB	Δ
A70 HOOK MECHANICALLY ENABLED		GAAC	GAAA	AAAAAAAA
ATO HOOK UP-LOCK & BUMPER	13468	GAACU	GAAC	3
A7D HOOK DRAG LINK	13HAD	GAACV	GAAC	The state of the s
ATD CENTERING SPRING	1 3HAC	GAACW	GAAC	2
ATO HOOK SHANK	13HAB	GAACX	GAAC	8
ATO HOOK POINT	13HAA	GAACY	GAAC	8
ATO HOOK MECH ACTUATOR	13HBB	GAACZ	GAAC	5.
ATD ARREST HOOK MOTIVE FORCE		GAAD	GAAA	AAAAAAAA
ATD AUX HOOK MOTIVE FORCE		GAAE	GAAD	K GAAF AAAAAAAA
ATO PPESSURE BYPASS VALVE	13HBD	GAAEZ	GAAE	8

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ATO NORMAL HOOK MOTIVE FORCE	.0123,50,	GAAF	GAAD	GAAF 111111111
ATO HOOK SOLENOID SELECT VA	LVISHEA	GAAFZ	GAAF	A
ATD ANTI SKID ATTENUATE		GAB	GAC	\$11111111
ATO CONTROLLED BRAKING EMPLOY	rer.	GAC	GA	110000051
ATO BRAKE SHUTTLE VALVE 250		GACU	GSA	8
A7D 3PAKE SHUTTLE VALVE 2EA	The second second	GACV	GAC	8
ATO SPAKE SWIVELS 4EA.	13666	GACW	GBA	3
ATO BRAKE SWIVELS 4EA.	13EBG	GACX	GAC	1
ATO AC BRAKE ASSY 2FA	13EAA	GACY	GBA	Å
ATD AC BRAKE ASSY ZEA	13644	GACZ	GAC	ā
ATO EMERGENCY BRAKES EMPLOYED		GAD		GAG AAAAAAAA
ATO EMER BRAKE PRESSURE SUPPL		GAUA	GAD	ΑΔΑΔΑΔΑΔΑ
A70 ACCUMULATOR PACKAGE	13ECA	GADAV	GADA	2
A70 F.BRAKE ACCUMULATOR		GADAW	GADA	A
	13FCC			
470 THERMAL RELIEF VALVE	13FCF	GADAX	GADA	2
A70 PRESSURE DUMP VALVE	13500	GADAY	GADA)
ATU PRE-CHARGE SHUTDER VALV		GADAZ	GADA	0
A70 EMERGENCY BRAKE ACTUATION		GADB	GAO	AAAAAAAA
A7D EMER. BRAKE HANDLE	99130	GADRY	GADB	A
ATD E. BRAKE POWER VALVE	13ECF	GADBZ	GADB	Δ
ATO UTILITY BRAKE FORCE SUPPL		GAF	GAGA	AAAAAAAA
ATU ACCUMULATED PRESS. SUPPLI		GAFA		GAFB AAAAAAAA
ATO ACCUM. SHUTOFF VALVE	13E8H	GAFAY	GAFA	5
ATD ACCUMULATOR UTILITY BRA		GAFAZ	GAFA	Δ
ATO NORMAL HYDRAULIC PRESS SU	JPP	GAFB	GAF	GAFA 111111111
ATO HYD. PRESS REGULATOR	13FFK	GAFBZ	GAFB	3
ATD UTILITY BRAKES EMPLOYED		GAG	GAC	GAD 111111111
ATU UTILITY BRAKES EMPLOYED		GAG	GBA	AAAAAAAA
A7D UTILITY BRAKES ACTUATED		GAGA	GAG	ΛΑΑΑΑΑΑΛ
ATO R RUDDER PED. SPAKE LIN	KG9913E	GAGAW	GAGA	5
ATO L RUDDER PED. BRAKE LIN	IKG99130	GAGAX	GAGA	5
ATO RT POWER BRAKE VALVE	13EBA	GAGAY	GAGA	8
ATD LEFT POWER BRAKE VALVE	13FRA	GAGAZ	GAGA	8
A70 BRAKE FORCE DISTRIBUTED		GAGE	GAG	ΑΛΑΛΑΑΑΑ
ATU BRAKE SERVO VALVE	13FBC	GAGZ	GAG	8
ATD BRAKES PROPORTION'LY APPL	. 0	GAH	GAGB K	GAHC 500000015
ATD UTILITY BRAKES APPLIED		GAHA .	GAGA	ΑΑΑΑΑΑΑΑ
ATO UTILITY BRAKES APPLIED		GAHA	GAH	FAAAAAAAA
A70 KINESTHETIC FEED BACK		GAHB	GBF	111111111
ATO INERTIA REEL CARLE	128DE	GAHBW	GAHB	1
ATD SHOULDER HARNESS STRAPS		GAHBX	GAHB	1
ATD INERTIA REEL	1280B	GAHBY	GAHR	i
ATD CONT ASSY INERTIA REEL	128LA	GAHBZ	GAHR	
ATD AUTO ANTI-SKID ENGAGED		GAHC	GAB	\$100000021
ATD AUTO ANTI-SKID ENGAGED		GAHC	GAGB	GAH F10000021
ATO SKID SOLENCIO SHUTOFF V	AL LISEBH	GAHCY	GAHC	8
ATU ANTI-SKID CONTROL VALVE	The real of the state of the state of	GAHCZ	GAHC	Å
ATD DIFFERENTIAL BRAKE VALVE	and the same of the same of	GAHZ	GAH	
ATO DIFFERENTIAL BRAKE VALV	-	GAHZ	GBA	
ATO SKID CONTROL SELECTED	. 13166	GAK	GAFA	FAAAAAAAA
ALD BELL CONTROL SECCIED		JAK	GAFA	РАНАНАНА

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A70 SKID CONTROL SELECTED		GAK	GAH	FAAAAAAAAA
ATO SKID CONTROL SELECTED		GAK	GAHC	ΛΑΑΛΑΑΑΑ
ATO ANTI SKID STATUS		GAKA	GAK	111111111
A70 ANTI SKID WARN LIGHT	12080	GAKAA	GAKA	5
A70 ANTI-SKID TEST CARD	13EFW	GAKW	GAK	0
A7D ANTI-SKID CONT MOD A-2	13EFM	GAKX	GAK	A
ATO ANTI-SKID CONT MOD A-1	13FFA	GAKY	GAK	Δ
A70 ANTI-SKID SWITCH	13ELE	GAKZ	GAK	٨
A7D BRAKE ACCUM PRE-CHARGE		GAL	GADA	AAAAAAAA
ATO BRAKE ACCUM PRE-CHARGE		GAL	GAFA	ΑΛΑΛΑΛΑΛ
A70 WHEEL DEACCELERATION SENSE	D	GALA	GAHC	AAAAAAAA
ATD ACCUM PRE-CHARGE PACKAGE	450AA	GALX	GAL	1
A70 GAGE	450AB	GALY	DB .	0
ATD EXCITER RING (2EA)	13FEB	GALYA	GALA	٨
A70 SYSTEM CHARGE VALVE	45UAD	GALZ	GAL	A
A70 WHEEL SPEED SENSOR 2EA	13FEA	GALZA	GALA	Α
470 RUDDER PEDAL PRESSURE APPL	Υ	GAM	GAHA	ΑΑΑΑΑΑΑΑ
A 70 RUDDER PEDAL PRESSURE APPL	Υ	GAM	GHOA	ΑΑΛΑΑΛΑΑ
A78 RIGHT RUDDER PEDAL ASSY	1408F	GAMY	GAM	2
A7D LEFT RUDDER PEDAL ASSY	1408F	GAMZ	GAM	2
A70 THRUST DECREASE		GAX	GA	5000000A5
ATD DIRECTIONAL CONT'L MAINT'S	,	GB	G	110000011
A70 DIFFERENTIAL BRAKING APP'S	D	GRA	GR K GE	AADOOOCAA
ATO DIFFERENTIAL BRAKING APP'S	0	GBA	GBE	F222272222
A 70 NOSE WHEEL SHIMMY DAMPED		GBAB	GBA	CACCUCCAC
A TO NOSE WHEEL SHIMMY DAMPED		GBAB	688	F100000001
ATO NES DAMPER ORIFICE	9913H	GBABZ	GBAB	A
A70 NOSE WHEEL POSITION CONTRO	11.	G88	GB GS	110000011
ATO NOSE WHEEL STEERING EMP YE	D	GBRA	GHB	45000005A
A70 BELL CRANK PIN	13FCD	GBBAX	GBBA	Λ .
A70 STEERING PELL CRANK	13FCP	GBBAY	GBBA	8
ATO SERVO CONTROL VALVE	13FAD	GUBAZ	GRSA	8
A7D STEERING CYLINDER NEG	13FAB	GARV	GBB	4
ATD NEG UNIVERSAL JUINT	13FCC	GBBW	GBB	3
A7D MLG STEERING LINK	13FCA	GBBX	GBB	5
A7D EXT.UNIT NG STEERING	13FAF	GBBY	GBB	5
A7D N.G. STEERING SWIVEL ZEA	13FAE	GREZ	GBB	5
A70 NOSE WHEEL STEERING ENABLE	D	GBC	GBBA	ΑΑΑΑΑΑΑΑ
A7D COMPRESSION SWITCH	13ABB	GBCS	GBC	A
ATD ATR REFUEL HANDLE	46GDA	GRCT	GBC	٨
A70 NLG DAMPER SHUTOFF VALVE	99131	GACU	GBC	Δ
A7D STEERIN WOG SWITCH	13FEC	GBCV	GBC	5
A7D STEERING CUTOUT SWITCH	13F6D	GHCW	GBC	5
ATD NG STEERING SLEECT VALVE	13FAA	GBCX	GRC	4
A7D STEERING HOLD RELAY	9913G	GBCY	GBC	Δ
ATU STEERING ENGAGE SWITCH	14444	GRCZ	GBC	Δ
ATO NOSE WHEEL STEER ACTUATED		GBD	GBBA	AAAAAAAA
ATD NUSE WHEFL STEER ACTUATED		GAD	GRE	FAAAAAAAAA
ATD STEERING COMMANDS APPLIED		GROA	GBO	AAAAAAAA
ATD FEED BACK TRANSDUCER	13FAC	GBDX	GBU	8

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ATT NGS AMPLIFIER	13666	GBUY	GHO	7
A70 INPUT TRANSDUCER	1311	GBDZ	GBD	8
ATO DIRECTION EFFECT PERCEIVED	•	GBE	GBF	FAAAAAAAA
ATO PILOT ACTION		GBF	SAH	AAAAAAAA
A TOP HOT ACTION		GHF	GAM	AAAAAAAA
ATO PILOT ACTION		GRE	GBA	AAAAAAAA
AZD NOSE WHEEL TIRE (ZEA)	13418	GBY	GE	5
ATO NOSE WHEEL (2EA)	134FA	GBZ	SE.	3
A70 WING FOLD		GC	DZEBY	FAAAAAAAAA
A70 WING FOLD		GC	G	000000000
	4987A	GCA	GC	4
AZO HINGE PIN	49548	GCB	GC	A
ATD HELL CRANKS	498AC	GCC	GC	5
ATD PUSH PULL CONTROL ASSY	49FA0	GCU	GC	Á
A70 CONTROL BUDS	498/=	GCE	GC	ī
ATE SELECTOR VALVE	49 PF A	CCF	GC	i
ATD WING FOLD ACT CYL	491 86	GCG	GC	i
470 CYLINDER PIN PULL FWD	40BHL	SCH	GC	i
ATO AFT PIN PULL CYL	49110	eca	GC	i
ATD MANUAL SECTION SELECT VLV	49BFF	GCK	GC .	ċ
ATO THEPMAL SELAF VLV	45 HIT	GCL	GC	ŏ
ATO PRESS SPREAD SED VLV	49886	GCM	GC	Ö
ATO SWIVEL -WING FOLD CYL	49HBH	GCN	GC	5
ATO CONT. SHITCH	AGELL	GCP	CC	i
ATD TIME DELAY RELAY	49118	GCQ	GC .	i
ATOLANDING GEAR		L		AAOOOOOAA
ATDEXTEND LANDING GEAR		LA		000000000
ATDLANDING GEAR DOWN		LAA	EHD.	AAAAAAAA
ATDEXTEND MAIN LANDING GEAR		LAA	LA	ΛΑΛΑΛΑΛΑ
A70		LAA	ic	FAAAAAAAAA
ATPLEET MLG DOWN / LOCKED		LLAAA	LAA	ΔΑΑΑΑΑΑΑ
ATO RE MLG DN / LOCK		RLAAA	EAZ	FAAAAAAAAA
ATOPIGHT MLG DOWN / LUCKED		RLAAA	LAA	ΑΛΑΑΑΑΑΑ
ATDACTUATOP . MAIN LANDING GEAR	13BAC	LLAAAA	LLAAA	1
A 70	136AC	LLAAAA	LLSAB	Ā
ATRACTUATOR, MAIN LANDING GEAR	13840	RLAAAA	KLAAA	1
4.70	138AC	RLAAAA	KLOZH	4
A TOSWIVEL . MAIN LG ACTUATOR	13840	LLAAAB	LLAAA	0
470	13840	LLAAAB	LIMAB	5
ATOSNIVEL . MAIN LG ACTUATOR	13840	RLAAAB	RLAAA	Ú
A71	13RAD	RLAAAB	RLRAD	5
ATOLEET MLG DOORS UPEN		LLAAR	LLAAA	AAAAAAAA
ATURIGHT, MAIN LG DOORS OPEN		RLAAB	AAAIS	ΑΛΑΛΑΛΑΑ
A70000R . MLG . UPPER LH / RH	13444	LLAABA	LLAAG	9
470	13444	LLAABA	LLBAA	9
470	13444	RLAABA	BLAAB	9
470	13444	RLAABA	RLHAN	9
A70000P .MLG . LOWER LH / PH	13446	LLAABR	LLAAR	9
470	13448	LLAABB	LLBAA	9
A70	13448	RLAABB	RLAAB	9

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
                                13AAB
                                       RLAABB
                                                          RLBAA
A 70 TUBE ASSY, TORQUE
                                13440
                                        LLAABC
                                                          LLAAB
                                                                         A
A70
                                13AAC
                                        LLAABC
                                                          LLRAA
                                                                         A
470
                                13AAC
                                        RLAABC
                                                          PLAAB
                                                                         A
                                13AAC
                                        RLAABC
A7D
                                                          FLBAA
A TOARM, TURQUE TUBE, OUTBOARD LIRISAAD
                                        LLAABD
                                                          LLAAB
470
                                13440
                                        LLAABO
                                                          LLBAA
                                        RLAABD
ATO
                                13440
                                                          RLAAB
A 70
                                13AAD
                                        RLAABO
                                                          RLBAA
ATDARM, TORQUE TUBE, INBUARD L/R 13AAE
                                        LLAABE
                                                          LLAAB
                                                                         4
A 70
                                1 BAAE
                                        LLAABE
                                                          LLBAA
                                                                         4
470
                                13AAE
                                        RLAABE
                                                          RLAAB
470
                                13AAE
                                        RLAABE
                                                          RLRAA
                                                                         A
                                LIBARE
A TOARMS . LINK OUTBOARD LH / RH
                                        LLAABF
                                                                         A
                                                          LLAAR
A70
                                 13AAF
                                        LLAABF
                                                          LLBAA
170
                                TAALL
                                        KLAARF
                                                          RLAAB
                                                                         A
                                13AAF
                                        RLAABF
                                                          RLBAA
ATDARMS . LINK INBOARD
                      LH / RH
                                13AAG
                                        LLAABG
                                                          LLAAB
                                                                         A
470
                                13A4G
                                        LLAABG
                                                          LLBAA
                                                                         A
A70
                                13AAG
                                        RLAABG
                                                          RLAAB
                                                                         4
170
                                13AAG
                                        RLAABG
                                                          RLBAA
                                                                         4
ATODOOR, MAIN LG DRAG STRUT
                                13AAH
                                        LLAABH
                                                          LLAAB
                                13AAH
                                        LLAABH
                                                          LLBAA
                                                                         ٨
470
A 70
                                LIBRAH
                                        RLAABH
                                                          RLAAB
                                                                         4
470
                                HAAEL
                                        RLAABH
                                                          PLBAA
ATOLINK DRAG STRUT DOOR
                                LAAEL
                                        LLAABJ
                                                         LLAAD
A70
                                LAAEL
                                        LLAABJ
                                                          LLLAA
170
                                13A1 J
                                        RLAABJ
                                                          PLAAB
                                                                         Λ
                                LAAEL
                                        RLAABJ
                                                          RLBAA
ATU
                                                                         A
A 70000R.MAIN LG.AFT LH / RH
                                        LLAABK
                                LJAAK
                                                          LLAAB
                                                                         4
470
                                13AAK
                                        LLAABK
                                                          LLBAA
170
                                13AAK
                                        RLAABK
                                                          RLAAR
                                                                         A
A 70
                                13AAK
                                        RLAABK
                                                          RLBAA
                                                                         4
                                                          LLAAB
ATOCYLINDER, MLG DOOF ACTUATING 13848
                                        LLAABL
A 70
                                                          LLRAA
                                138AB
                                        LLAABL
                                                                         A
470
                                13BAR
                                        RLAABL
                                                          RLAAU
                                13BAB
                                        RLAABL
470
                                                          ELBAA
                                                                         4
ATDSWIVEL , MLG DOOR ACTUATOR
                                13BAF
                                        LLAABM
                                                          LLAAB
470
                                136AE
                                        LLAABM
                                                          LLBAA
470
                                13RAE
                                        PLAABM
                                                          RLAAB
470
                                13PAE
                                        RLAABM
                                                          RLBAA
ATDEXTEND NOSE LANDING GEAR
                                         LAB
                                                           LA
                                                                           AAAAAAAA
ATOLXTEND NOSE LANDING GEAR
                                         LAB
                                                           LC
                                                                          FAAAAAAAAA
                                                           GBC
                                         LABA
A70 NLG DN / LOCK
                                                                         FAAAAAAAAA
ATONOSE LG DOWN / LOCKED
                                         LABA
                                                           LAB
                                                                           ΑΛΑΛΑΛΑΔ
A TOCYLINDER, NOSE LG ACTUATING
                                13P8A
                                         LABAA
                                                           LARA
                                13BBA
                                         LABAA
                                                           LEAB
ATD
                                                                         A
A TOEXTENSION UNIT, ACT CYL 1-4IN13BBC
                                         LABAB
                                                           LABA
                                138BC
                                         LABAB
                                                                         5
                                                           LBBB
4711
ATDNOSE LG DOORS OPEN
                                         LABC
                                                           LABA
                                                                           AAAAAAAA
```

00000000011111111112222222222333333333	334444444	445555555555666	566666677777777
12345678901234567890123456789012345678			
ATODOOR . NOSE LANDING GEAR LH/RHIJAGA	LABCA	LAHC	9
470 13ALA	LABCA	LHBA	9
A70LINKS, DOUR 13ADB	LABCB	LASC	9
A70 13ADR	LARCH	LBBA	9
A70SHAFT, NOSE LANDING GEAR DOOR 13ADC	LABCC	LABC	A
470 13ALC	LABCC	L884	Δ
A7D3FLLCRANKS 13ADD	LABCD	LASC	Δ
470 13400	LABCD	LBBA	A
A TOCYLINDER . NEG DOOR ACTUATING 13888	LABCE	LABC	Ã
470	LABCE	LEBA	Λ
ATPLAND GEAR ACTUATIONSEXTENDS	LAC	LA	SAAAAAAAA
A70	LAC	LLAAB	FAAAAAAAA
470	LAC	RLAAB	FAAAAAAAA
	LAC	LABC	FAAAAAAAA
A7DLAND GEAR ACTUATION <extenda a7demergency="" operation<extenda<="" td=""><td>LACA</td><td>LAC</td><td>K LACG AAAAAAAA</td></extenda>	LACA	LAC	K LACG AAAAAAAA
	7		ΑΔΛΑΔΑΔΑ
A70HYDR POWER REG / DISTR	LACBA	LACA	
ATOVALVE, BYPASS SELECT CPRES OPA13CAG	LACBA	LACE	Δ
ATDEXTENSION UNIT, ACT CYL 1-4IN13BBC	LACHB	LACB	8
A TOHYDRA PHE ACCUMULATION CHERA	LACC	LACB	ΛΑΑΑΑΑΑ
A70ACCUMULATOR PKG, LG EMERGENCY 13CAA	LACCA	LACC	A
A7DACCU MULATOR 13CAC	LACCB	LACC	Δ
A 7DEMERGENCY MODE SELECTION	LACD	LACC	ΑΔΑΑΑΛΔΑ
ATOVALVE, MAN HYD EMER LG CTRL 13CAF	LACDA	LACO	Α
ATDELECTRICAL CONTROL	LACE	LPC	ΑΑΑΑΑΑΑ
A 70 SOLENO ID. LG HANDLE DOWNLOCK 130FA	LACEA	LACE	Δ
A7DNORMAL SELECT MODE	LACE	DADE	FAAAAAAAA
A TONORMAL SELECT MODE	LACE	DADK	FAAAAAAAA
ATO NORMAL SELECT MODE	LACE	FBE	F0000000A0
ATONORMAL SELECT MODE CEXTENDO	LACF	LACK	ΑΛΑΑΑΑΛΑ
ATUNDEMAL SELECT MODE	LACE	MGSC	00000000
ATONORMAL SELECT MODE	LICE	MSD	ΑΑΑΑΑΑΑ
A704ANDLE, LG CTRL NORM / EMERG13DAA	LACEA	LAC	A
ATOPULLEYS, LG CTRL NORM / EMERGISCAL	LACEB	LAC	4
ATOVALVE, MANUAL SELECTUR CHYDEL @13844	LACEC	LAC	Δ
A70 0044Y 5999J	LACED	LACE	0
ATONORMAL OPERATION, LG ACTUAT	LACG	LAC	111111111
ATONORMAL OPERATION, LG ACTUAT	LACG	LPC	AAAAAAA
ATCHYOR PWR REG / DISTR	LACH	LACG	444444
A7 DHYDR POWER SUPPLY	LACK	LACH	ΑΛΛΑΑΑΑΛ
A7DOVERGRIDE TO RETRACT	LACX	LACE	K LACY AAAAAAAA
A7DSWITCH, DOWNLOCK EMERG RELES 13DEC	LACXA	LACX	Δ
ATU LANDING GEAP UP SWITCH	LACY	BFF	PAAAAAAA
ATDNORMAL RETRACT ACTIVATION	LACY	DADE	FAAAAAAAA
ATONORMAL ACTIVATION CRETRACTA	LACY	LACE	111111111
ATO NORMAL RETRACT ACTIVATION	LACY	MASC	FAAAAAAAA
ATONORMAL RETRACT ACTIVATION	LACY	MSD	444444
ATDWEIGHT DEE WHEELS	LACY	UAN	FAAAAAAAA
ATDSWITCH. DECK COMPRESSIONERTMG13CBE	LACYA	LACY	A
ATDACCUMULATOR HEATING	LACZ	LACC	000555550
A TOBLANKE T. HYD ACCUM HEATING 13CPA	LACZA	LACZ	A

00000000011111111112222222223333333	3334444444	44555555555666666	66667177777778
121455789012345678901234567890123456	78901234567	78901234567890123456	78901234567890
A TOPOSITION INDICATE, LG	LAD	LACD	ΑΑΑΑΑΑΑΑ
A TOPOSITION INDICATE	LAD	LACX	
ATOLIGHT, LG HANDLE WARNING 13DCA	LADA	LAD	1
A TO INDICATOR, NOSE GEAR POSITION 13DCB	LADB	L.AD	1
A TO INDICATOR, MAIN GEAR POSITION 13DCC	LADC	LAD	1
ATURELAYS, LG POS IND SYST 13DCE	LADD	LAD	1
A TOL IGHTS , WHLS-FLAP WARN SYST 13008	LADE	LAD	1
ATORETRACT LANDING GEAR	LB	LX	111111111
A TORFTRACT MAIN LANDING GEAR	LBA	LB	AAAAAAAA
ATOLEFT MAIN LG DOORS CLOSED	LLBAA	LBA	ΑΑΑΑΑΑΑΑ
ATORIGHT MAIN LG DOORS CLOSED	RLBAA	LRA	ΔΑΑΑΑΑΑ
ATOLEFT MAIN LG UP / LOCKED	LLBAB	LLBAA	ΑΔΑΔΑΔΔΔ
A 70L MAIN LG UP/LOCKED	LLBAB	MBRJ	111111111
ATOLANDING GEAR UP	RLBAB	CCAG	FAAAAAAAAA
ATDRIGHT MAIN LG UP / LOCKED	RLBAB	RLBAA	ΑΑΑΑΛΑΑΑ
A 70STRUT ASSY, MLG UPLOCK SPRING 13ABF	LLBARA	LLBAB	Α
A70 13ABF	RLBABA	RLBAB.	٨
A 7DHOOK, MAIN LG UPLOCK 13ABG	LLBABB	LLBAB	Α
A70 13ABG	RLBABB	RLBAB	Α
A TORETRACT NOSE LANDING GEAR	LHB	LR	ΑΛΑΑΛΑΑΑ
A TONOSE LG DOORS CLOSED	LBBA	LBB	ΔΑΑΑΑΑΔ
ATUNOSE LG UP / LOCKED	LBBB	LBOA	ΔΛΑΔΑΔΑΔ
A 70 13AFE	LBBBA	LABC	A
A 7 DMECHANISM, NOSE LG UPLOCK 13ALE	LABBA	LBBB	Α
ATOLANDING GEAR ACTIVATION (RET &	L9C	LB	SAAAAAAAA
A70	LBC	LLBAB	FACAAAAAAA
A70	LBC	RLBAB	FAAAAAAAAA
470	LBC	LBBB	FAAAAAAAAA
A 7 DPOLLING SUPPORT	LC	t	190000041
ATOMLG WHEFL 13ACA	LCA	LC	9
ATOMES TIRE 13ACH	LCB	LC	9
A TOMES SHOCK STRUT 13ABA	LCC	LC	8
A TOMEG TENSION STRUT 13ABB	FCD	LC	8
A TOME G TRUNNIUN SHOCK STRUTO 13ABC	LCE	LC	8
ATOMLG TRUNNIONSTENSION STRUTA 13ABD	LCF	LC	8
A7D MLG TRUNNION CORAG STRUTO 13ABE	LCG	LC	8
ATONEG WHEEL 13AFA	LCH	LC	7
ATUNES TIRE 13AFR	LCI	LC.	7
A 7D'NEG SHOCK STRUT 13AEA	LCJ	LC	6
ATONES LOWER LINK 13AFB	LCK	LC	A
ATUNES UPPER LINK 13AFC	LCL	L.C.	A
17DNLG AXLE BEAM 13AED	LCM	LC	9
ATDRETRACT. SENSITIVE ATTENUATOR	LX	t.	010000000
A7DM1SSIUM SUPPORT	M		111111111
ATOVISUAL AIM INFO	MAAB	MBKW	000000000
ATORELEASE TONE INFO	MAAT	MBRW	000000000
ATDARM STA CONTROL UNIT	MASC	MB	111111111
ATDARM STA CONTROL UNIT	MASC	MG	111111111
A7D ARM STA CONTROL UNIT	MASC	MR	AAAAAAAA
A70 CKT CARD BIT LOGIC NOT 74EAA	MASCB	MASC	1

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
                               74EAB
A70 CKT CARD BIT LOGIC NO2
                                        MASCC
                                                          MASC
                                                          MASC
                                74EAC
A7D CKT CARD BIT LOGIC NO3
                                        MASCD
ATO CKT CARD BIT LOGIC NO4
                                74FAL
                                        MASCE
                                                          MASC
A70 CKT CARD BIT LOGIC NOS
                                74FAE
                                        MASCF
                                                          MASC
A70 CKT CARD BIT LOGIC NOG
                                        MASCG
                               74EAF
                                                          MASC
A7D CKT CARD BIT LUGIC NOT VOLT74EAG
                                        MASCH
                                                          MASC
A7D CKT CARD CONT. LOGIC NOT $2 74EAK
                                        MA SC J
                                                          MASC
A70 CKT CARD CONT.LOGIC NOT 38474FAL
                                        MASCK
                                                          MASC
ATD CKT CARD CONT. LUGIC NUSEG 74FAM
                                        MASCL
                                                          MASC
A70 CKT CARD CONT. LOGIC NOT
                               74tan
                                        MASCM
                                                          MASC
A7D CKT CARD CONT. LOGIC NOB
                                74EAP
                                        MASCN
                                                          MASC
ATD CKT CARD CONT.LUGIC NOS
                                74EAQ
                                        MASCP
                                                          MASC
A7D CKT CARD CONT. LOGIC NOLO
                                74EAP
                                        MASCO
                                                          MASC
A7D CKT CARD CONT.LOGIC NULL
                                74EAS
                                        MASCR
                                                          MASC
A7D CKT CARD CONT.LOGIC NO12 .
                               74FAT
                                        MASCS
                                                          MASC
A70 CKT CARD CONT.LOGIC NO13
                                74EAU
                                        MA SC T
                                                          MASC
A70 CKT CARD CONT.LOGIC NOIS
                                74EAV
                                        MASCU
                                                          MASC
A7D CKT CARD CONT.LOGIC NO16
                                74 LAW
                                        MASCV
                                                          MASC
A7D CKT CARD BIT BUFFER NO1&2
                               74LPA
                                        MASCW
                                                          MASC
ATO CKT CARD BIT BUFFER NO3
                                74EBE
                                        MASCX
                                                          MASC
                                74EBC
ATD CKT CARD BIT BUFFER NO4
                                        MASCY
                                                          MASC
A70 CKT CARD LOGIC BUFFER NOI
                                741 BF
                                        MASCZ
                                                          MASC
ATE CKT CARD LOGIC PUFFER NOZ
                                74EBG
                                        MASDA
                                                          MASC
470 CKT CARD LOGIC BUFFER NO3
                                74EHH
                                        MASDB
                                                          MASC.
ATO CKT CARD LOGIC BUFFER NO4
                                74113
                                        MASDC
                                                          MASC
ATD RELAY & LAMP DRIVER NO162
                                74FBM
                                        MASDD
                                                          MBAA
A 70 MISCELLANOUS DRIVER
                                74ERN
                                        MASDE
                                                         MASC
ATD SHIFT REGISTER
                                74EHR
                                        MASDE
                                                          MASC
A7D MULTIPLEXER
                                74ERS
                                        MASDG
                                                          MASC
A70 AUDIO/VIDED
                                74EFV
                                        MASDH
                                                          MAAT
ATO POWER SUPPLY
                                7416Y
                                        MASDJ
                                                          MASC
                                74EBZ
A7D CHASSIS
                                        MASDK
                                                          MASC
ATO RESISTOR DIODE ASSY 41
                                74E81
                                        MASDL
                                                          MASC
A70 RESISTOR DIODE ASSY A2
                                74EB2
                                        MASDM
                                                          MASC
A70 RESISTOR DIODE ASSY A3
                                74EB3
                                        MASDN
                                                          MASC
ATD RESISTOR DIDDE ASSY A4
                                74EH4
                                        MASDP
                                                          MASC
                                                                       0
A 7D MOUNTING RACK
                                74ECU
                                        MASDQ
                                                          MASC
A 7DHUMBS/ROCKETS/MISSLES
                                        MR
                                                          M
                                                                         010010010
A TOADY I SORY INFORMATION
                                        MBAA
                                                          MBRW
                                                                         111111111
                               74D8J
ATO ARM ADVISORY LAMP TEA
                                        MBAAA
                                                          MBAA
ATO ARM ADVISORY IND. PANEL
                                74DEL
                                        MBAAB
                                                          MRAA
                                                                         000010000
ATDATORES RELEASE OR FIRE
                                        AHHM
                                                          MH
                                                                   MARJ
A7D SIDEWINDER CIRCUIT
                                                          MHRA
                                74DJ0
                                        MHRAR
A7D WALLEVE CIRCUIT
                                74DKC
                                        MHRAS
                                                          MARA
                                74DMQ
A7D DISPENSER CIRCUIT
                                        MARAT
                                                          MRRA
ATD ARW TT TRANSMITTER
                                74DPA
                                        MARAU
                                                          MARA
ATC ARW 77 ANTENNA
                                74DPC
                                        MBRAV
                                                          MRRA
ATD ARW 77 MOUNT
                                74DPD
                                        MARAW
                                                          MBRA
                                                                       0
A7D ARW 77 FILMENT TRANSFORMER 74DPE
                                        MBRBX
                                                          MBRA
ATD SUU 20A EJECTOR FOOT
                                75AFA
                                        MBRBY
                                                          MBRA
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123456789012345678901234567896123456739012345678901234567890123456789012345678901
170 SUU 204 RAM ASSY
                                75 AF P
                                                          MRRA
                                         MBRBZ
470 SUU 20A
             ESISTOR PANEL
                                75AFE
                                         MBRCA
                                                          MPILA
170 SUU 20A
             OCKET FIRE CONTACT 75 AFG
                                        MBRCB
                                                          MARA
ATO PYLON FUSELAGE HARNESS
                                         MBPCC
                                75AJA
                                                           MIKA
A7D AFRO 38 POWER SUPPLY
                                75AKA
                                         MARCD
                                                           ASSAM
                                75AKR
                                         MBRCE
ATO AERO 38 DETENT & SNURBER
                                                          MESE
ATD AFRO 38 WIRING HARNESS
                                75 AKE
                                         MBRCF
                                                           MBRA
ATO AERO 3B ADAPTER CONNECTOR
                                75AKF
                                         MURCG
                                                           MERA
ATO WING STA PYLON WIRE HARNESSTEBEC
                                         MBRCH
                                                           MBRA
ATO WING STA PYLON WIRE HAPNESS 75BCC
                                        MBRCJ
                                                          MBRA
ATD WING STA PYLON WIRE HAPNESS75HCC
                                        MBRCK
                                                          MBRA
ATPUNLATCH COMMAND
                                         MBRD
                                                          MBRA
                                                                          AAAAAAAAA
ATOUNLATCH COMMAND
                                         MARD
                                                          MR
                                                                         FAAAAAAAAA
ATOMANUAL COMMAND
                                                           MERD
                                         MARE
                                                                          111111111
ATOMANUAL COMMAND
                                         MARE
                                                          MHRF
                                                                         FAAAAAAAAA
ATO ARM RELEASE SWITCH
                                14/ CA
                                         MUREA
                                                          MRGE
A TUAUTO COMMAND
                                         MBRF
                                                           MISRD
                                                                    MIRE
                                                                          000000000
ATO ARM. RELEASE PANEL ASSY
                                74UHK
                                        MURFA
                                                          MROF
                                                                        A
ATO ARW 77 SELECTOR CONTROL
                                74 DPP
                                         MBRFB
                                                          MBRD
ATO ARM SYS CONT UNIT
                                7411C
                                         MARFE
                                                          MRZD
                                                                        Δ
   TACTICAL COMPUTER
                                73 HAO
                                        MBRFD
                                                           MERF
A 70 QUANTITY EINTERVAL CONTROL
                                         MARG
                                                          MARF
                                                                          111111111
ATT ARMAMENT RELEASE CONTROL
                                74DHE
                                        MBRGA
                                                          MAKE
ATOMODE SELECT
                                         MBKH
                                                          MARF
                                                                          AAAAAAAAA
AT) ATTACK MODE CONTROL 4LACH
                                74 DEC
                                         MHRHA
                                                           MARH
A TOJETTISON COMMAND CONTROL
                                         MBRJ
                                                          MR
                                                                   MARA
                                                                          000000040
A70JETTISON COMMAND CONTROL
                                         MBRJ
                                                          Mrs
                                                                          020600000
                                74EAO
A70 ARM STA CONT UNIT
                                         ALAEM
                                                          MARINA
                                74FFT
                                        MBPJB
A70 JETTISON OSCILLATOR
                                                          MAKJ
                                                                        1
                                74EFU
A70 JETTISON OSCILLATOR
                                         MBRJC
                                                           MAKJ
                                                                        1
17) NER MKII CARTHIDGE 6FA
                                97ACC
                                        MARJD
                                                          MHRJ
ATOSALVO JETTISON
                                        MBRK
                                                          MRR.I
                                                                          111111111
A70 SALVO JETTISON SWITCH
                                740CA
                                        MBRKA
                                                          MBRK
A TOSELECT JETTISON
                                        MBRL
                                                          MBRJ
                                                                          1111111111
470 SELECT JETTISON SWITCH
                                74LCE
                                         MARLA
                                                          MARL
ATJAUX JETTISON
                                         MARM
                                                                  K MBRE
                                                          MERD
                                                                          AAAAAAAA
A70 AUXILIARY JETTISON SWITCH
                                7400A
                                         MIRMA
                                                          MERM
4 7 THE FUSING
                                        MBRN
                                                          MRDA
                                                                          Α Δ Δ Δ Δ Δ Δ Δ Δ
ATO NOSE & TAIL ARMING CIRCUIT 74CFO
                                        MERNA
                                                          MARN
ATU ARM STA CONT UNIT
                                74EAO
                                         MBRNB
                                                          MBRN
A70 FUSING SWITCH
                                7466A
                                        MBRNC
                                                          MARN
ATOSTATION READY SELECT
                                         MARQ
                                                          MBAA
                                                                         FAAAAAAAAA
                                                          MERA
A TUSTATION READY SELECT
                                        MARQ
                                                                          AAAAAAAA
ATE ARMAMENT SELECT PANEL
                                74DBA
                                        MARDA
                                                          MIRO
ATO STA SELFCT SWITCHES TEA
                                74CBF .
                                        MBROB
                                                          MARQ
ATDRELEASE SEQUENCE CONTROL
                                        MARS
                                                          MB
                                                                          111111111
ATO SINGLE/PAIR/SIMULT SWITCH
                                74DEK
                                        MHRSA
                                                          MBRS
ATO ARA STA CONT UNIT
                                74 EAD
                                        MBRSB
                                                          MAKS
                                                                        1
A70 SUU 20 30MR INTERVALOMETER 75AFD
                                        MBRSC
                                                          MHRS
A70 SUU 20 ROCKET INTRVALOMETE 75AFH
                                        MARSD
                                                          MBRS
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123456789012345678901234567890	11234561			
A70TARGET DESIGNATE		MBRT	MARE	111111111
ATO TARGET DESIGNATE SWITCH	14444	MBRTA	MERT	A
A TOPILOT ACTION		MBRW	MHRF	ΑΔΑΔΑΔΑΔ
A70STORES SUSPENSION		MBS	MB	AA55155AA
A TUSTORES SUSPENSION		MAS	MBAA	FAAAAAAAA
A7DWING STATION STORES		MASA	MBS	AAAAAAAA
ATOWING STATION STORES		MBSA	MEA	FAAAAAAAA
A70 RACK MAU 128/A DR 120/A 68		MBSAA	MBSA	Δ
ATD BOMB RACK SUPPORT ASSY 2EM		MBSAB	MESA	2
ATH BIMB RACK SUPPORT ASSY 2EA		MBSAC	MBSA	2
ATD HOMB RACK SUPPORT ASSY 2FA	75EDA	MRSAD	MESA	1
A7DSINGLE SUSPENSION		MBSB	MBSA	22222222
A7D SUU 20 BOMB/ROCKET DISPENS		MBSBA	MBSB	Δ
A70 SUU 20 AFT SWAY BRACE ASSY	75A1 C	MBSBB	MBSP	2
A7D SUU 42/A BOMB/RKT DISPENSE	R 75AGO	MBSHD	MESB	A
A70 SUU 20 ROCKET TUBES & DETA	+75AFF	MBSBE	MBSB	1
ATOTRIPLE SUSPENSION BEA		MBSC	MBSA	333333333
A70 TRIPLE EJECTOR RACK	75 ADO	MBSCA	MBSC	3
A7DMULTI SUSPENSION 6EA		MBSD	MBSA	22222222
A7D MULTI EJECTOR RACK	75AE 0	MBSDA	MBSD	2
A7DFUSELAGE SUSPENSION		MBSF	MRS	AAAAAAAA
ATU AERO 38 RAIL ASSY ZEACH	75AKG	MBSFA	MPSF	5
ATD AERO 38 NOSE ASSY	75AKD	MBSFB	MBSF	1
ATO FUSE STA 465 PYLON ASSY	758A0	MBSFC	MBSF	5
ATOWEAPON DEFENSE		ME	M	000000000
ATDACTIVE ECM		MEA	ME	000000000
470 ALQ 71 POD	76HA0	MEAA	MEA	4
ATO ECH SYS ALOET?	76000	MEAAA	MEA	Δ
470 ALQ 87 POD	76HE C	MEAR	MEA	A
A70 ALQ 101 PDD	76HF0	MEAC	MEA	Α .
A70 FCM SYS ALOELLO	76X00	MEACA	MEA	4
A 70 UNIVERSAL CONTROL	76HGA	MEAD	MEA	A
A7D CONTROL	76FE0	MEAE	MEA	Δ
A TOR . F. BLANKING		MER	MF	00000000
ATO CHASSIS	76CAA	MERA	MEB	1
ATO CKT BOARD NEGATIVE CHANNEL		MEBB	MER	Ā
ATU CKT BOARD POWER SUPPLY	76CAC	MERC	MEB	Δ
ATD CKT BOARD STANDARD CHANNEL	Annual Control of the	MEBD	MES	Ā
ATO CKT BOARD STANDARD CHANNEL		MEBE	MEB	Ä
ATO CKT BOARD STANDARD CHANNEL		MEBF	MEB	Ā
A70 EQUIPMENT RACK	76CB0	MEBG	MER	
ATP DESTRUCT INITIATOR	76 DA 0	MEBH	MEB	
ATOPASSIVE ECM	.000	MEP	ME	000000000
ATO RADAR WARNING INDICATOR PN	I TAFFA	MEPA	MEP	1
A7C AZIMUTH INDICATOR	76 FG0	MEPB	MEP	
ATD INDICATOR PANEL ASSY	76FKA	MEPC	MEP	
A70 FWD ANTENNA	76FH0	MEPHT	MEP	
ATD PULSE DELAY OSCILLATOR	76FJA	MEPHU	MEP	
A7D VIDEO AMPLIFIER	76FJC	MEPHV	MEP	5
ATD QUADRUPLEXER DETECTOR	76FJF	MEPHW	MEP	
ATU WUMUNUPLEARN DETECTION	IOFJE	MERM	707	

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123455789012345678901234567890123456789012345678901234567890123456789012345678901
A70 VIDEO SWITCHING BOARD
                                 76FJG
                                         MEPHX
                                                           MEP
ATT AMPLIFIER DETICTOR
                                 76CAA
                                         MEPWA
                                                           MEP
                                         MEPWB
ATO VIDEO AMPL
                                 76GAB
                                                           MEP
A70 DEMODULATOR
                                 16GAC
                                         MEPWC
                                                           MEP
A70 SIGNAL LOGIC
                                 766AD
                                         MEPHD
                                                           MEP
A7D REGUALTOR AMPL.
                                 76GAF
                                         MEPWE
                                                           MEP
ATD COUNTER
                                 76GAF
                                         MEPWF
                                                            MEP
                                                                         0
A70 SIGNAL COMPAPATOR
                                 76 CAG
                                         MEPWG
                                                           MFP
A 70 SIGNAL COMPARATOR
                                         MEPWH
                                 76GAH
                                                           MEP
                                 76GAJ
                                         MEPWJ
A70 PULSE GEN
                                                           MEP
ATO ANTENNA
                                 76 GH 0
                                         MEPWK
                                                           MEP
ATD CIRCUIT CARD ASSY 37A2
                                 76FEA
                                         MEPXA
                                                           MFP
                                 76FFB
A70 CIRCUIT CARD ASSY 36A4
                                         MEPXB
                                                           MFP
A70 CIRCUIT CAPD ASSY 1843
                                 76FEC
                                         MEPXC
                                                           MEP
ATO CIRCUIT CARD ASSY 37A1
                                 76FFD
                                         MEPXD
                                                           MEP
A70 PADAR SET CONTROL APR 36/3776FEE
                                                           MEP
                                         MEPXE
ATOFUSING SELECT
                                         MFS
                                                           MBRA
                                                                           000000000
                                         MESA
ATO MOSE AND TAIL ARMING CKT
                                 74Ltu
                                                           MFS
                                         MESB
                                                           MFS
A70 FUSING SWITCH
                                 74LEA
                                                           M
470GUNS
                                         MG
                                                                           100010001
A 7D GUNS
                                         MG
                                                           MGM
                                                                          FAAAAAAAAA
                                 74444
A70 RECOIL ADAPTER
                                         MGA
                                                           MG
                                                           MG
A70 DRUM DRIVE ASSY
                                 74466
                                         MGAA
                                                                         0
ATT WEB STRAP CHUTE RETAINER
                                 74ACH
                                         4GAB
                                                           NG
                                                                         0
A70 EXIT COVER
                                 744DA
                                         MGAC.
                                                           MG.
                                                                         0
A70 ENTRANCE COVER
                                 74ADB
                                         MGAD
                                                                         0
                                                           MG
ATO EXIT SCOOP DISC ASSY
                                 74ADC
                                         MGAE
                                                           MG
ATO ENTRANCE SCOOP DISC ASSY
                                 74 ADD
                                         MGAF
                                                           MG.
                                                                         0
A7D INNER DRUM
                                 74ADE
                                         MGAG
                                                           MC
                                                                         0
                                 74ADF
A 70 OUTER DRUM
                                                           MG
                                         MGAH
                                                                         0
A70 TRANSFER UNIT ASSY
                                 74AFA
                                         MGAJ
                                                                         0
                                                           MG
ATO LOADER ASSY
                                 74ALB
                                         MGAK
                                                           MG
                                                                         0
                                 74AFA
                                         MGAL
                                                           MG
A 70 FILTER
                                                                         0
A7D DUEL RATE FLOW REG VALVE
                                 74AFB
                                         MGAM
                                                           MG
                                                                         0
A70 HYD GUN DRIVE MOTOR
                                 74AFC
                                                           MG
                                         MGAN
                                                                         0
ATT LAST ROUND BYPSSS SWITCH
                                 74AJG
                                         MGAO
                                                           MG
                                                                         0
                                                           MG
ATO DRIVE UNIT ASSY
                                 74AHA
                                         MGAP
                                                                         0
A70 FLEXIBLE SHAFT
                                 74AHH
                                         MGAD
                                                           MG
                                                                         0
ATH GUN DRIVE ASSY
                                 74AHC
                                         MGAR
                                                           MG
                                                                         0
ATE LAST ROUND SWITCH
                                 74AJA
                                         MGAS
                                                           MG
                                                                         C
A71 GUN SPEED SENSOR
                                 74AJR
                                         MGAT
                                                           MG
                                 74 F A O
                                         MGAV
                                                           MC.
ATU ASCU
                                 740AB
                                         MGB
A7D GUN HOUSING
                                                           MC
ATO ROTOR ASSY
                                 74ALC
                                         MGC
                                                           MG
ATO BREECH BOLT ASSY
                                 74AAD
                                         MGD
                                                           MG
A70 RETAINER ASSY
                                 74AAE
                                         MGE
                                                           MG
A TOGUN FIRE CONTROL ATOGUN FIRE CONTROL
                                         MGF
                                                           FCD
                                                                          FAAAAAAAAA
                                         MGF
                                                           MG
                                                                           000000000
ATO FIRING CONTACT ASSY
                                 THAAH
                                         MGFA
                                                           MGF
ATO GUN CONTROL BOX ASSY
                                7411
                                         4GFB
                                                           MGF
```

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12345673901234567890123456789	(1234567	the state of the s		
A TUFICE COMMAND		MGFC	MGF	AAAAAAAA
A7DFIPE COMMAND		MGFC	MR	FAAAAAAAA
ATO CIRCUIT CARD ASSY A-1	74AKA	MGFCA	MGF	4
A71, DUMMY	eddel	MGFCB	MGFC	Ú
A TO CIRCUIT CARD ASSY A-I	74AKP	MGFD	MGF	Α
AZD TRANSFORMER RECTIFIER	744KC	MGFF	MGF	A
A 70 HOUSING	74AKE	MGFF	MGF	1
ATU CHASSIS COVER	741KG	MGFG	MGF	0
ATOREADY SELECT		4GFS	MGF	ΑΑΑΑΑΑΑΑ
A70 GUN SELECT SWITCH	7468A	MGFSA	MGFS	A
ATO END PLATE	744AF	MGG	MG	U
A7D CLEARING SOLENOID	74 AAG	MGH	MG	0
A70 GUIDE BAR	LAAHT	MGJ	MG	1
A70 LUBRICATOR	74 AAK	MGK	MG	C
A7U BARRELS	74 AL A	MGL	MG	1
A7DMAINTENCE SKED INFO		MGM	OH	ΑΑΑΑΑΑΑΑ
A70 MUZZLE CLAMP	74ABB	MGMA	MG	1
A70 CENTER BARREL CLAMP	74A+C	MGN	MG	C
ATO STABILIZER RING	74460	MGU	MG	1
A70 FRONT MOUNT YOKE ASSY	744FF	MGB	MG	2
ATEGUNS SAFETY CONTROL		MGS	MG	110000011
ATO ARM STA CONT UNIT	74FAC	MGSA	MG	A
A TO INTERLUCK CONTROL		MGSC	MGS	111111111
ATUDEARMING CONTROL		MGSM	MGS	111111111
A 711 MASTER ARM SWITCH	741 FA	MGSMA	MGSM	Α
ATOSAFE SELECT		MGSS	MGS	111111111
A70 GUN SWITCH (SAFE)	74164	MGSSA	MGSS	Δ
A70 REAR MOUNT	74141	MGT	MG	2
ATO EXIT UNIT	74ACA	MGU	MG	0
A7D ENTRANCE UNIT	74ACE	MCV	VG.	0
ATD FEED FLEXIBLE CHUTE	74ACC	MGM	MG	0
ATO RETURN CHUTE	74ACD	MGX	MG	C
ATO PYPASS CHUTE	741C+	MGY	MG	0
ATO CUNVEYER ASSY	741.CF	MGZ	MG	O
A70 PEGULATOR AMPL	75FAA	МРРНА	MEP	A
ATO DEFLECTOR	76FAB	МРРНВ	MEP	2
ATO TRIGGER GEN	76FAC	MPPHC	MEP	Δ
A70 GATE LOGIC	75FAD	MPPHD	MEP	5
A7D E LOGIC	76FFE	MPPHE	MEP	5
A70 MID LOGIC	76 FAF	MPPHE	MEP	5
A70 I LOGIC	76FAG	MPPHG	MEP	5
ATD TEST PULSE GEN	76FAH	МРРНН	MEP	í
ATO A/S IMPROVED CORR	76FAJ	МРРНЈ	MEP	
ATO GCI LOGIC	76FAK	MPPHK	MEP	i
ATO AFT ANTENNA	76FEC	MPPHL	MEP	5
ATD PULSE DELAY OSCILATOR	76FCA	MPPHM	MEP	5
ATD VIDEO AMPLIFIER	76FCB	MPPHN	MEP	5
A7D QUADRUPLIXER DETECTOR	76FCF	MPPHP	MEP	2
ATO VIDEO SWITCHING BOARD	76FCG	MPPHQ	MEP	į
ATD CIRCUIT CARD ASSY	76FDA	MPPHR	MEP	5

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A70 CIRCUIT CARD ASSY	76F08	MPPHS	MFP	5
ATORECON INFORMATION		MR	14	000000000
A70 STRIKE CAMERA KB 18A	77140	MPA	WK	Α
ATO STRIKE CAMERA MOUNT	77460	MRB	MR	2
ATP STRIKE CAMERA BOX	77AC 0	MRC	WK	1
ATO STRIKE CAMERA WINDOW	77400	MRD	MR	
A7D STRIKE CAMERA CONTROL	77AFO	MRE	MR	A
A 7D HUD CAMERA SYSTEM	77AFO	MRF	MK	Δ
ATDARM MASTER CONTROL		MS	MBRA	ΔΛΔΑΔΑΛΔΔ
A TOARM MASTER CONTROL		MS	MGF	AAAAAAAA
ATT ARM STA CONT UNIT	74EAC	MSA	MS	Δ
ATPINTERLOCK BYPASS		MSB	MS	ΑΛΛΑΑΑΑΑ
ATO ARM SAFETY DISABLE SWITCH	740FG	MSBA	MSA	Λ
A70GEAR INTERLOCK CONTROL		MSD.	MBRJ	111111111
A 7DGEAR INTERLICK COMTROL		MSD	MS	AAAAAAAA
A70ARM SELECT MASTER		MSM	MS	PANABARA
A7DMASTER ARM SWITCH	7408A	MSMA	MSM	Α
470 ROUND COUNTER	74AHD	MSMAA	MSM	Δ
A TOSECONDARY AC BUS		UAA	CBAA	SAAAAAAAA
A TOSECONDARY AC BUS		UAA	CBABZX	5000121100
A70SECONDARY AC BUS		UAA	CBAD	SAAAAAAAAA
A 70 SECONDARY AC BUS		UAA	CRAEX	5111111111
ATOSECONDARY AC BUS		UAA	CBAF	S0000A0010
A 70 SECONDARY AC BUS		UAA	CBAX	\$11111111
A TOSECONDARY AC BUS		UAA	CBBE	FAAAAAAAAA
ATOSECONDARY AC BUS		UAA	CBHF	FAAAAAAAAA
A 70 SECONDARY AC BUS		UAA	CBL	FAAAAAAAA
ATDSECONDARY AC BUS		UAA	CBO	FAAAAAAAAA
ATO SECONDARY AC BUS		UAA	DACJ	ΑΛΛΑΛΑΑΑ
ATDSECONDARY AL BUS		UAA	EBN	ΔΛΑΑΑΑΑΑ
ATDSECONDARY AC BUS		UAA	EEG	AAAAAAAA
A TUSECONDARY AC BUS		UAA	FEJ	ΔΑΑΑΑΑΑΑ
ATOSECONDARY AC BUS		UAA	EHA	ΑΛΑΛΑΛΑΑ
ATDSECONDARY AC BUS		UAA	EHC	AAAAAAAA
A TOSECONDARY AC BUS		UAA	FDEC	AAAAAAAA
A TOSECONDARY AC BUS		UAA	FFJK	ΑΛΛΑΑΛΑΑ
ATD ELECTRIC POWER		UAA	GBD	ΑΛΑΑΑΑΑΑ
A TUSECONDARY AC BUS		UAA	MASC	ΔΑΛΑΑΛΑΔ
A7D ELECTRIC POWER		UAA	MEP	44444444
A TO SECONDARY AC BUS		UAA	UDN	FAAAAAAAA
A 7DSECONDARY AC BUS		UAA	UDP	FAAAAAAAA
ATT FLECTRIC POWER		UAB	BACGA	AAAAAAAA
A70 FLECTRIC POWER		UAB	BHAC	AAAAAAAA
ATO ELECTRIC POWER PRIMARY AC		UAB	SEEG	AAAAAAAAA
ATO ELECTRIC POWER PRIMARY AC		UAB	BERK	AAAAAAAA
ATO LLECTRIC POWER PRIMARY AC		UAB	REER	
ATOPRIMARY AC BUS				AAAAAAAA
		UAB	CRABZX	822222222
ATOPRIMARY AC BUS		UAB	CBAEX	\$11111111
A7DPRIMARY AC BUS		UAB	CPAF	SOC DOADGOO
ATEPRIMARY AC BUS		UAB	CBBD	FAAAAAAAAA

123456789012345678901234567890 170PRIMARY AC BUS		UAB	CBM	FAAAAAAAAA
ATOPRIMARY AC BUS		UAB	CRN	FAAAAAAAAA
TOPRIMARY AC BUS		UAB	CCA	AAAAAAAA
ATO PRIMARY AC BUS		UAB	DABG	AAAAAAAA
TO PRIMARY AC BUS		UAB	DAEF	AAAAAAAA
TOAC POWER PRIMARY		UAR	FDE	222222222
ATOPRIMARY AC BUS		UAB	FEK	AAAAAAAA
TUPRIMARY AC POWER		UAB	EHN	AAAAAAAA
170		UAB	LACZ	AAAAAAAA
TOPRIMARY AC BUS		UAB	MASC	AAAAAAAA
TO PRIMARY AC BUS		UAB	UCD	AAAAAAAA
TO RELAY. PRIMARY AC	428AH	UABA	UAB	A
70 ELECTRIC POWER		UAC	BRAA	AAAAAAAAA
70 ELECTRIC POWER		UAC	BCCA	AAAAAAAA
70 ELECTRIC POWER		UAC	DZES	AAAAAAAA
THEMERGENCY INSTRUMENT BUS		UAC	FADA	AAAAAAAA
TOEMERG INSTRUMENT BUS		UAC	FBD	222222222
THEMERG INST BUS		UAC	FEQ	AAAAAAAA
TOEMERGENCY INST BUS		UAC	UHAH	AAAAAAAA
TUEMERGENCY INST BUS		UAC	UHBH	FAAAAAAAA
THEMERGENCY INST BUS		UAC	UHCH	AAAAAAAA
TO TRANSFORMER . INSTRUMENT	42FAK	UACA	UAC	A
70 RELAY. BATTERY BUS	42BCG	UACB	UAC	A
70 ELECTRIC POWER		UAD	BACJA	AAAAAAAA
TOPRIMARY INSTRUMENT BUS		UAD	CBAA	SAAAAAAAAA
TOPRIMARY INSTRUMENT BUS		UAD	CBABZX	5888888888
TOPRIMARY INSTRUMENT BUS		UAD	CBAEX	\$88888888
TOPRIMARY INSTRUMENT BUS		UAD	CBAF	SU001111A0
TOPRIMARY INSTRUMENT BUS		UAD	CBAX	\$22222222
TOPRIMARY INST BUS		UAD	CBBC	FAAAAAAAA
TOPRIMARY INST BUS		UAD	CBBG	FAAAAAAAAA
TOPRIMARY INSTRUMENT BUS		UAD	CBM	FAAAAAAAA
TOPRIMARY INSTRUMENT BUS		UAD	CBN	FAAAAAAAA
7D INSTRUMENT BUS		UAD	DABB	AAAAAAAA
7D ELECTRIC POWER		UAD	GBD	AAAAAAAA
TRANSFORMER . INSTRUMENT	42FAK	UADA	UAD	A
70 RELAY (K5)	99424	UADB	UAD	Ã
THEREROLL AC BUS		UAF	CHAA	\$222222222
THEMERGENCY AC BUS		UAE	CBABZX	\$222343322
THEMERGENCY AC BUS		UAE	CBAD	\$333333333
THEMPRENCY AC BUS		UAE	CBAEX	5222222222
TOPMERGENCY AC BUS		UAE	CBAF	S0001111A0
THE MERGENCY AC BUS		UAE	CBAX	SAAAAAAAA
THEMERGENCY AC BUS		UAE	CBBC	FAAAAAAAA
TOPMERGENCY AC BUS		UAE	CBKB	FAAAAAAAA
TOEMERGENCY AC BUS		UAE	EHB	AAAAAAAA
TOEMERG AC BUS		UAE	FCDA	AAAAAAA
TOEMERG AC BUS		UAE	FDGB	AAAAAAAA
ATDEMERG AC BUS		UAE	FFH	AAAAAAAA
INCHERU AL DUJ		JAL	1 ()	

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A701WERTER BUS	1734301	UAF	CRAD	\$333333333
A7 INVERTER BUS		UAF	CBAF	\$55555555
A TOTAL RES		UAF	CBAX	599999999
A / CINVERTER BDS		UAF	CBBA	FAAAAAAAAA
A70INVERTER BUS		UAF	CBKB	FAAAAAAAA
A70 INVERTER BUS		UAF	DAEB	ΔΔΛΑΑΔΑΛ
ATOINVERTER BUS		UAF	FOGD	AAAAAAAA
ATO RELAY, BATTERY BUS	42PCG	UAFA	UAF	4
A TO 21V A C BUSS	42600	UAG	CBBG	ΑΔΑΔΑΔΑΛ
A70 TRANSFORMER	426AM	UAGA	UAG	A
470ESSENTIAL POWER DIST	42044	UAH	UAC	AAAAAAAA
ATDESSENTIAL POWER DIST		UAH	UAF	AAAAAAAA
A7DESSENTIAL POWER DIST		UAH	UAF	ΑΛΑΑΛΑΑΑ
270 RELAY. EMERG AC	428AJ	UAHA	UAH	1
AZORIMARY POWER DIST	428AJ		UAH	AAAAAAAA
		UAJ		AAAAAAAA
A 70 PRIMARY POWER DIST	4.30 A 1	UAJ	UAD	
A70 RELAY, EMERG AC	42BAJ	UAJA	UAJ	1
A TUSECONDARY POWER DIST		UAK	CHAA	\$11111111
A 70SECONDARY POWER DIST		UAK	CBABZX	\$11111111
47 SECONDARY POWER DIST		UAK	CBAD	5111111111
A 70 SECONDARY POWER DIST		UAK	CBAEX	5111111111
TOSECONDARY POWER DIST		UAK	CRAX	SIIIIIIII
A7 SECONDARY POWER DIST		UAK	UAA	ΛΑΑΛΑΑΑ
A TOSECONDARY POWER DIST		UAK	UAG	FAAAAAAAA
ATOPRIMARY AC POWER ISOLATION		UAL	UAH K UA	
A TOEMERGENCY MODE SELECT		UALA	UAL	FAAAAAAAA
A TOEMERGENCY MODE SELECT		UALA	UALB	F5555555
A 70 EMERGENCY MODE SELECT		UALA	UAX	ΑΑΑΑΑΑΑ
A TOEMERGENCY MODE SELECT		UALA	UDK	ΑΑΑΑΑΑΑΑ
A70 SWITCH, EMER GEN	91460	UALAA	UALA	5
170 RELAY, PRIMARY AC	42FAH	UALAB	UAL	Α
A 7D MODE ADVISORY		UALB	UALC	000000010
A70 LIGHT, WARNING	91AHE	UALBA	UALB	5
A70 RELAY, (K5)	9042A	UALBB	UAL	Δ
ATUPILOT ACTION		UALC	UALA	ΔΑΛΑΛΑΛ
ATONORMAL AC POWER		UAM	MAH UV	
ATUNORMAL AC POWER		UAM	UAJ UA	
ATONORMAL AC POWER		UAM	UAK	ΑΑΑΑΑΑΑΑ
A TOPOWER STATUS INFO .		UAMA	UALC	111111111
A70 INDICATOR	42PAE	UAMAA	UAMA	Α
A70 DIDDES, ISOLATION 2EA	42AAL	UAMB	UAM	5
A70 CONTACTOR, MAIN AC	42BAG	UAMC	MAIJ	A
A70 RELAY ASSY	42CAA	UAMD	MAU	0
A 70 JUNCTION BOXES	42CAC	UAME	MAIJ	0
A7D CKT BKR PANEL (LEFT)	42CAD	UAMF	UAM	0
ATO CKT BER PANEL (RIGHT)	42CAE	UAMG	UAM	0
A7D BOARDS, TERMINAL	42CAF	UAMH	UAM	0
ATO HARNESS, CONSCILE	42CAL	LMAU	UAM	0
A 70 VOLT/FREQ CONTROL		UAN	UAX	AAAAAAAA
A70 REGULATOR	91486	UANA	UAN	Α

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ATHAC POWER GENERATION			HAP	UAX			
A7D GENERATOR	GIAFA		UAPA	UAP			A
A7D ELAPSED TIME INDICATOR	GIARF		UAPB	DB			0
A70 TEST RECPTLE	MATE		UAPD	UAP			O
ATOVOLT/FREQ/LOAD CONTROL			UAG	UA Y			AAAAAAAA
A70 TRANSFORMER, CURRENT 6FA	42640		JAQA	UAD			4
A70 PANEL, GENERATUR CONTROL	42HAF		UAUB	UAQ			5
ATDSOURCE SELECTION			UAR	UAY			AAAAAAAA
ATDSOURCE SELECTION			UAR	UAZ			FAAAAAAAAA
ATO PANEL, PILOT GEN CONTROL	42FAN		UARA .	UAR			Û
A7D SWITCH, GEN	42120		UARB	UAR			A
ATDAC POWER GENERATION			UAT	UAY			ΛΑΑΑΑΑΑΑ
A TOGENERATOR DRIVE			UATA	UAT			ΑΛΑΛΑΑΛΑ
ATO TRANSMISSION, CSD	42444		UATAA	UATA			A
ATO COUPLING	42AAC		UATAB	UATA			5
A70 STARTE & CSD DRIVE SHAFT	2515X	N	UATAC	DATA			Δ
ATD STARTE PAU ADAPTER	23156	N	UATAD	UATA			3
ATDESD OIL COOLING			UATB	UATA			88888888
ATO FILTER	42446		UATRA	UATR			1
ATO COOLER	42AAL		UATBB	UATB			4
A70 MASTER GENERATOR	4281A		UATC	UAT			4
ATD HARNESS, ELECTRICAL	42CAR		UATK	UAT			ò
A7DPOWER MONITOR			UAV	UAZ			ΔΑΑΑΛΑΑΑ
ATREXTERNAL AC POWER DIST			UAVA	UAZ			AAAAAAAA
ATD RECEPTIACLE, AC POWER	420AA		UAVAA	UAVA			1
A70 MONITOR . EXT PWR	42048		UAVB	UAV			Ā
ATD SWITCH, REMOTE RESET	42DAC		UAVC	UAV			5
ATD RELAX. EXT PWR ARM	42DAD		UAVO	UAV			^
ATOINVERTER POWER	72010		UAW	UAF	×	UAM	AAAAAAAA
A70 INVERTER	426CJ		UAWA	UAW	,	UAM	4
A70 RELSY (K305)	99428		UAWB	UAW			Ā
A7DEMERGENCY AC POWER	77420		UAX	UAH	v	UAM	AAAAAAAA
A TOPMER GENCY AC POWER			UAX	LAU		MALU	ΑΛΑΑΑΑΑΑ
ATOINTERNAL AC POWER			UAY	UAM	_	UAM	AAAAAAAA
ATDINTERNAL AC POWER			UAY	UAMA			FAAAAAAAA
ATD PANEL, TEST AC	428AB		UAYA	YAU			0
ATDEXTERNAL AC POWER	42040		UAZ	PAU			000000000
				UCN			
A7D ALTITUDE COMPUTATION			UCA	UCP			4444444
A70 ALTITUDE COMPUTATION			UCA				ΑΑΑΑΑΑΑ
ATO ALTITUDE COMPUTATION			UCA	UCQ			ΑΑΛΑΛΛΑΛΛ
ATD ALTITUDE COMPUTATION			UCA	UCR			ΔΛΑΔΛΑΔΛΑ
ATD ALTITUDE COMPUTATION			UCA	UCS			AAAAAAAA
A7D ALTITUDE COMPUTATION			UCA	100			ΕΕΑΑΑΑΑΑ
A7D ALTITUDE COMPUTATION			UCA	UCX			SAMAAAAAA
A79 MACH/ALT MOTOR	73CAQ		UCAA	UCA			۵
ATD ALT. SIGNAL GENERATION			UCB	UCA			ΑΔΑΛΑΔΑΔΑ
ATO MACH/ALT SERVO AMPLIFIER	73CAG		UCBA	ric B			Α
ATU STATIC PRESSURE SENSING			UCC	UCB			ΔΑΑΔΑΑΔΑ
ATO STATIC PRESSURE SENSOR	73CAA		UCCA	ucc			Α
ATD CADE ELECTRICAL POWER			UCD	UCN			AAAAAAAA

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A70 CADO ELECTRICAL POWER		UCD .	UCP	AAAAAAAA
A 70 CADO ELECTRICAL POWER			UCO	AAAAAAAA
A70 CADC ELECTRICAL POWER		UCD	UCR	AAAAAAAA
ATO CANC FLECTRICAL POWER		UCD	UC S	
A70 CADC ELECTRICAL POWER		UCD	UC T	ΑΔΑΔΑΔΑΛ
ATT CADO ELECTRICAL POWER		UCD	UCU	AAAAAAAA
A70 CADC ELECTRICAL POWER	****	UCD	UCW	AAAAAAAA
ATO PS 1 POWER SUPPLY	73CAD	UCDA	ncu	٨
A70 TRANSFORMER	73CAX	UCDB	UCD	Δ
A 70 MOUNTING RACK	73000	UCDC	iico	0
ATO ELAPSED TIME INDICATOR	73CAY	UCDX	DR	1
ATD SELF TEST		UCE	DZFC	FAAAAAAAAA
A70 SELF TEST		UCE	UCB	ΛΛΛΔΛΛΔΔ
ATO SELF TEST		UCE	UCG	FAAAAAAAA
A7D SELF TEST		UCE	UCU	SAAAAAAAA
470 SELF TEST		UCF	UCM	SAAAAAAAA
ATO MACHIALT TRIGGER AMPLIF.	73CAE	UCEA	UCF	A
A TO TRUE AIRSPEED COMPUTATION		UCF	UCU	ΔΛΔΛΛΔΔΛΔ
ATO THUE AIRSPEED COMPUTATION		UCF	UCM	ΑΛΑΑΛΑΔΑΛ
ATO TRUE AIR SPEED COMPUTATION		UCF	UCX	SAAAAAAAA
ATO TAS SERVO AMPL.	73CAC	UCFA	UCF	A
170 TAS MOTOR	73CAM	UCFB	UCF	A
A70 TAS MODULE	73CAH	UCFC	UCF	Α
A78 MACH COMPUTATION		uce	UCF	AAAAAAAA
A 70 MACH COMPUTATION		UCG	UCS	
ATO MACH COMPUTATION		UCG	UC T	ΔΔΔΔΔΔΔΔ
ATO GEAR ASSY. HOUSING	73CAN	UCGA	ucs	Δ
A 70 TEMPERATURE COMPENSATION		UCH	UCF	ΑΔΑΔΑΔΑΔ
ATD NETWORK ASSEMBLY	73CAW	UCHA	UCH	A
A70 SELF TEST		UCJ	DZFC	FAAAAAAAA
ATT SELF TEST		nc 7,	UCF	ΔΑΔΑΔΑΔΑ
170 TAS TRIGGER AMPLIFIER	73CAF	UCJA	UCJ	4
ATO SIGNAL GENERATION		UCK	UCG	ΑΔΑΔΑΔΑΔΑ
ATD MACH/ALT SERVO AMPL	73CAG	UCKA	UCK	4
170 PRESSURE RATIO SENSING		UCL	UCK	ΑΔΑΔΑΔΑΔ
A73 PRESSURE RATIO SENSOR	73CAR	UCLA	UCL	Δ
A70 PLENUM CHAMBER	STAFF	UCLB	UCL	1
ATO TOTAL TEMPERATURE SENSING		UCM	UCH	ΔΔΔΔΔΔΔΔΔ
A70 TOTAL TEMP. PROBE	73CH0	UCMA	UCM	4
ATO ALT. TO ALT. IND. AND AIMS		UCN	DACB	ΔΛΔΛΛΔΔΔ
A77 SYNCHRO ALTITUDE INDICTR	73CAU	UCNA	UCN	4
A 7 CALTITUDE ENCODE		UCP	CCAF	ΑΔΛΑΛΑΛΑΔ
A79 ENCODER ALTITUDE REPORTER	73CAT	UCPA	CCAF	A
ATDADG SETTTUDE		UCQ	CBQ	111111111
ATO ALT. POTENTIOMETER STACK	73CAS	UCQA	UC O	4
ATDAUC ALTITUDE		UCR	CBADA	AAAAAAAA
A70ADC ALTITUDE		UCR	CBADE	CAAAAAAAA
ATOADC ALTITUDE		UCR	CBAFDC	AAAAAAAA
ATO ALT. POTENTIOMETER STACK	73CAS	UCRA	UCR	A
ATRALTITUDE SIGNAL (CADC)		UCS	FDEU	AAAAAAA

00000000111111111122222222223333333			
12345678901234567890123456789012:4567 A70 MACH POTENTIOMETER STACK 73CAR		UCS	
	UCSA		A
A 70 ALT. HOLD SYNCHRO 73CAV	UCSB	UCS	4
ATMAIR DATA COMPUTER IND AIRSPU	UCT	DDZR	ΑΛΛΑΑΛΛΑ
ATL MACHIALT. XDUCER 13CAP	UCTA	UCT	Δ
ATOADC TRUE AIRSPEED	UCU	CHADE	ΑΛΑΛΑΛΑΛ
A TO ADC TRUE AIRSPEED	UCU	CRAFDE	4444444
~70 TAS POTENTIONETER STACK 73CAJ	UCUA	UCU	Α
ATO TRUE AIRSPEED OUTPUT	UCW	0488	AAAAAAAA
ATO TAS SYNCHRO NO. 1 73CAK	UCWA	UC.M	0
ATU TAS SYNCHRU NO. 2 73CAL	UCWB	UC W	Α
A7D FAILURE OF AIR DATA COMP	UCX	UCX	FAAAAAAAAA
A70 ELECTRIC POWER SECONDARY DC	U04	RFD	ΑΑΛΑΑΛΛΑ
ATD ELECTRIC POWER SECONDARY DC	UDA	BEXA	55555555
A70SECONDARY DC BUS	UDA	CAA	FAAAAAAAAA
A TOSECONDARY DC BUS	UDA	CAC	ΑΛΑΑΑΑΑΑ
A70SECUNDARY DC BUS	UDA .	CRAA	SAAAAAAAAA
A TOSECONDARY DC BUS	UDA	CHARZX	511111111
A70SECONDARY DC BUS	UDA	CHAD	SAAAAAAAA
A 70 SECONDARY DC BUS	UNA	CBAFX	5111111111
470SECONDARY DC BUS	UDA	(.BAF	S0000A2140
ATOSECONDARY DC BUS	UDA	CBBE	FAAAAAAAAA
A 70 SECONDARY DC BUS	UDA	CHRE	FAAAAAAAA
A TO SECONDARY DC BUS	UOA	CBL	FAAAAAAAA
A 70SECONDARY OC BUS	UDA	CBM	FAAAAAAAAA
A7DSECONDARY DC BUS	UDA	CBP	FAAAAAAAA
ATTSECONDARY DC BUS	UUA	CBO	FAAAAAAAA
A TOSECONDARY DC BUS	UDA	CCAC	ΑΛΑΑΑΑΑΑ
A 7DSECONDARY DC BUS	UDA	CCR	AAAAAAAA
ATO SECONDARY DC BUS	UDA	DACG	AAAAAAAA
ATO SECONDARY DC BUS	UDA	DADB	AAAAAAAAA
A7D SECONDARY DC BUS	UDA	90	111111111
ATO ELECTRIC POWER	NON	DZ+C	ΑΑΑΑΑΑΑΑ
ATD ELECTRIC POWER	UDA	DZFDX	AAAAAAAA
ATO ELECTRIC POWER	UDA	DZFH	
A70SECONDARY AC BUS	UDA	ERN	AAAAAAAAA
A7DSECONDARY DC BUS	UDA	EED C33	AAAAAAAA
ATDSECONDARY DC BUS	UOA	EHO	AAAAAAAA
ATO ELECTRIC POWER SEC DC BUS	NON	GAAH	AAAAAAAA
ATD ELECTRIC POWER SEC DC RUS	UDA	GAHC	AAAAAAAA
ATO ELECTRIC POWER SEC DC PUS	UDA .	GAK	FANANAAAAA
ATO ELECTRIC POWER SEC DC HUS	UNA	GBC	AAAAAAAA
ATO DC PAR SECONDARY	UDA	GC	AAAAAAAA
ATOSECONDARY DC BUS	UDA	MASC	ΑΛΛΑΑΛΛΑΑ
ATO FLECTRIC POWER	UDA	MEP	ΑΑΑΛΑΑΑΑ
ATUSECONDARY DC BUS	UDA	UDP	FAAAAAAAAA
A TOSECONDARY DC BUS	UDA	UHCM	CALAAAAAA
ATOSECONDARY DC HUS	UDA	UHCT	AAAAAAA
ATD FLECTRIC POWER	UDA	BACJB	AAAAAAAA
ATO ELECTRIC POWER BATTERY BUS	UDB	BECAM	
ATD ELECTRIC POWER BATTERY BUS	UUH	BFEA	AAAAAAAA
TIO ELECTRIC TOWER DATIENT DOS			

0000000001111111111222222222333333	1333444444444	5555555555666666	6667777777778
12345678901234567890123456789012345			
A7D ELECTRIC POWER BATTERY BUS	UDB	BEXA	AAAAAAAA
A FORATTERY BUS	UDB	CAB	FAAAAAAAA
A TOHATTERY BUS	UDB	CAD	AAAAAAAA
AZD FLECTRIC POWER	UDB	DYZ	AAAAAAAA
A7D ELECTRIC POWER	UDA	DZCCC	ΛΑΑΑΑΑΑΑ
ATOBATTERY BUS	UDB	EFH	AAAAAAAA
A796ATTERY BUS	UDB	MASC	AAAAAAAA
ATDRATTERY BUS	UDB	UAW	4444444
ATO ELECTRIC POWER	UDC	RACE	AAAAAAAA
A7D ELECTRIC POWER PRIMARY DC	UDC	BEBE	AAAAAAAA
470 FLECTRIC POWER PRIMARY DC	UDC	BERH	AAAAAAAA
ATO FLECTRIC POWER PRIMARY DC	UDC	BFBK	AAAAAAAA
A7D ELECTRIC POWER PRIMARY DE	UDC	BESM	AAAAAAAA
ATO ELECTRIC POWER PRIMARY DC	UDC	BFO	AAAAAAAA
A7D ELECTRIC POWER PRIMARY DC	UDC	RFE	AAAAAAAA
470 ELECTRIC POWER PRIMARY DC	Unc	BEXB	ΑΑΑΑΑΑΑΑ
ATOPRIMARY DC BUS	UDC	CBABZX	\$11111111
A TOPRIMARY DC BUS	UDC	CBAEX	\$11111111
A TOPPIMARY DC BUS	UDC	CBAF	S0001 A2 1 A0
ATUPRIMARY OC BUS	UDC	CHAX	\$11111111
A TOPRIMARY DC BUS	UDC	CBBD	FAAAAAAAAA
ATOPRIMARY DC HUS	UDC	CBSF	FAAAAAAAA
A TOPRIMARY DC BUS	UDC	CBM	FAAAAAAAA
ATOPRIMARY DC HUS	UDC	CBN •	FAAAAAAAA
A TOPRIMARY DC BUS	UDC	CCA	AAAAAAAA
ATO ELECTRIC POWER	UDC	DZEA	AAAAAAAA
ATOPRIMARY DC BUS	UDC	ECB	. AAAAAAAA
ATOOC POWER PRIMARY	UDC	EDE	111111111
ATOPRIMARY DC HUS	UDC	ELF	AAAAAAAA
ATUPRIMARY DC BUS	UDC	EFF	AAAAAAAA
ATOPRIMARY DC BUS	UDC	FACA	AAAAAAAA
ATOPRIMARY DC BUS	UDC	FBC	AAAAAAAA
ATOPRIMARY DC	UDC	FB0	22222222
47)	UOC	LACE	AAAAAAAA
ATOPRIMARY DC BUS	UDC	MASC	AAAAAAAA
A70 FLECTRIC POWER	UOC	MEP	AAAAAAAA
ATONC ENGINE START DIST	UDG	BAFY	ΛΑΑΑΑΑΑΑ
ATD ELECTRIC POWER	UDE	BACD	ΑΔΑΛΛΑΔΑ
A TOEMERG DC BUS	UDE	BACGB	4444444
A70 ELECTRIC POWER	UDE	BACJB	22222222
ATE ELECTRIC POWER EMER DC	UDE	BFA	AAAAAAAA
473 ELECTRIC POWER EMER OC	UDE	BFXA	55555555
ATDEMERGENCY DC BUS	UDE	CBABZX	5000121100
A TOEMERGENCY DC RUS	UDE	CRAD	\$333333333
A7DEMERGENCY DC BUS	UDE	CBAX	599999999
A7DEMERGENCY DC BUS			
A7D EMERGENCY DC BUS	UDE	CAKB	FAAAAAAAA
ATDEMERGENCY DC BUS	UDE	DACA	AAAAAAAA
		DADA	
A70 ELECTRIC POWER	UDE	DZEA	AAAAAAAA
ATDEMERGENCY DC BUS	UDE	FGA	AAAAAAAA

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12345578901234567890123456784012	2345678	90123456789012345	6789012345678	901234567890
A 7. ILMERGENCY DC BUS		UDE	EGO	ΑΛΑΛΑΛΑΔ
ATDEMERGENCY DC BUS		UDE	řH.	AAAAAAAAA
A TOEMERGENCY DC BUS		UDE	FACH	AAAAAAAAA
ATDEMENG DC BUS		UDE	FCDA	ΑΔΑΔΑΔΑΔΑ
ATLEMERG DC BUS		UDF	+CE	111111111
ATTEMERG DC BUS		UDE	FRGB	ΑΑΛΑΑΑΑΑΑ
ATDEMERG DC BUS		UDE	FDHA	ΔΔΔΔΔΔΔΔΔ
ATCEMERG DC BUS		UDE	FEKC	000000040
A TOEMERG DC BUS		UDE	FFP	ΑΑΑΑΑΑΑΑ
A70 ELECTRIC POWER		NDF	GAAB	ΛΑΑΛΑΑΑΑΛ
ATD ELECTRIC POWER		UDE	GAHC	AAAAAAAA
179		UDE	LACY	ΔΛΔΔΔΔΔΔΔ
Δ70		UDE	LAD	ΑΔΑΛΛΛΔΔ
A7DEMERG DC BUS		UDE	MBRA	AAAAAAAAA
ATDINVERTER BUS		UNF	LEF	AAAAAAAAA
A TOEXTERNAL DC POWER		UDF	UDU	000000000
ATO RECEPTACLE, EXT START 4	428CK	UDFA	UDF	1
ATDESSENTIAL DC DIST		UDG	UDB UDL	111111111
ATDESSENTIAL DC DIST		UDG	UDF	ΑΛΑΑΑΑΑΑ
ATOPRIMARY DC DIST		UDH	UDC	AAAAAAAA
470 RELAY, DC PR1 4	12016	UDHA	UDH	4
ATOSECONDARY DC DIST		UDJ	UDA	AAAAAAAA
A TOPRIMARY DC POWER ISOLATION		UDK	UDG	111111111
A7DBATTERY POWER DIST		UDL	UDB K UDG	ΑΔΑΛΛΑΛΑ
A7DBATTERY POWER DIST		UDL	UDD	AAAAAAAA
그 이 아니는 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그	REG	UDLA	UDL	4
A7D CONTACTOR 4	ASECH	UDLB	UDL	4
	28AJ	UDLO	UDL	5
A7DTRANSFORM/RECTIFY		UDN	UDX	ΑΔΔΔΛΔΔΔ
	+2EFA	UDNA	UUN	Α .
A7DBATTERY CHARGING		UDP	UUZ	55555555
	+2BCC	UDPA	UDP	A
	+SECO	UDPR	UDP	1
A70BATTERY SELECT		000	UPL	AAAAAAAA
	SELE	UDQA	UNQ	A
A 700C POWER GENERATION		UDR	UDY	ΑΑΑΑΑΑΑΑ
	PIAFA	UDRA	UUR	۸
ATONORMAL DC POWER		UDX	UDG UDY	111111111
A TUNORMAL DC POWER		UDX	VOH UDY	111111111
A7DNORMAL DC POWER		UDX	רטוו	ΛΑΑΛΑΑΑΛ
	AADS	UDXA	UDX	0
	SCAL	UDXB	UDX)
	12CAD	UDXC	UNX	3
	SCAF	UDXD	UDX	0
	F2CAF	UUXE	UDX	J
	2CAL	UNXF	UDX	0
A TOEMERGENCY DC POWER		UOY	UALB	FAAAAAAAAA
A TOEMERGENCY DC POWER		UDY	UDG K UDX	AAAAAAAA
A THE MERGENCY OC POWER		UDY	UDH K UDX	AAAAAAAA
ATD RELAY, EMER DC 4	2Bb0	UDYA	UDY	Α

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AT DRATTERY DC SUPPLY	12343016	UD Z	693123430	UDL	4701040	AAAAAAAAA
A70 BATTERY	42BCA	UDZA		UOZ	A	
ATO COVER	428CB	UDZB		UDZ	o	
A79 MOUNT	42B(E	UDZC		UDZ	i	
A TOPC 1 HYD	TEDEL	UHA		FDC		111111111
ATOPC 1 HYD		UHA		FEJC		ΛΑΑΑΑΑΑΑ
ATOPC 1 HYD		UHA		FEZ		111111111
A TOAYATEM PRESSURE		UHAA		UHA		ΑΛΑΑΑΑΑΛ
AZDAYATEN PRESSURE		UHAA		UHAC		FAAAAAAAA
ATDAYATEM PRESSURE		UHAA		UHAD		FAAAAAAAA
A7DAYATEM PRESSURE		UHAA		UHAH		FAAAAAAAAA
A79 FILTER, MAIN PRESSURE	45AAE	UHAAA		UHAA	0	
4711 VALVE, SYS PRESS RELIEF	45AAF	UHAAB		UHAA	5	
A7DINTERNAL PRESSURE	777.51	UHAB		UHAA		AAAAAAAA
A70 PUMP, PC1	45AAD	UHABA		UHAB	A	AAAA 18444
A7D DISCONNECT. PRESSURE	45AAC	UHABB		UHAB	2	
A70 DISCONNECT. RETURN	45446	UHABC		UHAB	5	
A70 EXTENSION UNIT, PRESSURE	45AAM	UHABD		UHAB	5	
A70 EXTENSION UNIT, RETURN	45AAN	UHABE		UHAB	5	
ATO HOSE, PRESSURE	9945A	UHABE		UHAB	5	
170 HOSE, RETURN	9945B	UHABG		UHAB	5	
ATO HYD. PUMP DR. GEAR & BRNG	231SW N			UHAB	A	
ATUFLUID SUPPLY	2313W N	UHAC		UHAB		ΑλΑΑΑΑΑΑ
ATE VALVE. RESERVOIR RELIEF	45000	UHACA		UHAC	2	наминина
ATO RESERVOIR	45AAB	UHACB		UHAC	5	
AZU VALVE, SOLENDID SHUTOFF	45AAX	UHACC		UHAC	ó	
ATOSURGE DAMPING	TJAKA	UHAD		UHAZ		111111111
A7D ACCUMULATOR	45 AAG	UHADA		UHAD	A	IIIIIIII
A7D PNEUMATIC PRECHARGE	TOAMO	UHAE		UHAD	•	AAAAAAAA
A7D VALVE PACKAGE	45 DAA	UHAEA		UHAE	1	намамана
A70 PNEUMATIC PRECHARGE GAUG		UHAEB		DB	1	
	45 DAD	UHAEC		UHAE	A	
	45040	UHAF		UHAA	4	20200000
A THE XTERNAL PRESSURE	45AAH	UHAFA		UHAF	5	303000030
A7D DISCONNECT, PRESSURE A7D DISCONNECT, RETURN	45AAJ	UHAFB		UHAF	5	
	TOPAJ	UHAG		UHAB	,	
A7CPUMP COOLING	45AAK	UHAGA		UHAG	0	88888888
					2	
A7D DISCONNECT, BYPASS	454AL	UHAGB		UHAC	2	
ATD EXTENSION UNIT, BYPASS		UHAGC		UHAC	2	
ATO HOSE, BYPASS	9945C	UHAGD		UHAC	2	
A TUPRESSURE SENSING DC-1	LEAUA	UHAH		DZFEZ		ΑΔΑΔΑΔΑΛ
ATO TRANSMITTER, PRESSURE	45ABA	UHAHA		UHAH	A	
A70 SURGE DAMPING ATTENUATIO	N.	UHAZ		UHA		111111111
A7D HYDRAULIC POWER		UHB		BFED		ΑΑΑΑΑΑΑΑ
A70HYD PRESS.(PC2)		UHB		FCO		ΑΑΛΑΑΑΑΑ
A 70HYDRAULIC PC2		UHB		FRR	11110	ΛΔΑΑΑΑΑΑ
ATOPC 2 HYD		UHB		FC3	UHC	111111111
A7DPC2 HYD		UHB		FDC		111111111
ATOPCE HYD		UHB		FDED		AAAAAAAA
ATOPC 2 HYD		инв		FFZ		111111111

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123456789012345678901234567890	01234567			
A70 PC 2 DIST		UHB	GAAF	ΑΛΑΑΛΑΑΛ
A70 PC 2 DIST		UHB	GADA	AAAAAAAA
ATOPC 2 HYD		UHB	MG	60,000,000
A TOPCS HYDRAULIC DISTRIBUTION		UHB	UHCM	UHCP 111111111
ATOPEZ HYDRAULIC DISTRIBUTION		UHB	UHO	ΑΛΛΛΛΛΑΔ
ATUSYSTEM PRESSURE		UHBA	UHB	A A A A A A A A A
A TOSYSTEM PRESSURE		UHBA	UHHC	FAAAAAAAA
A7DSYSTEM PRESSURE		UHBA	UHBD	FAAAAAAAA
ATDSYSTEM PRESSURE		UHHA	HPHU	FAAAAAAAA
A70 FILTER, MAIN PRESSURE	45BAF	UHBAA	UHBA	0
A70 VALVE.SYS PRESS RELIEF	456AG	BARHU	Athu	5.
A7D SWIVEL , PRESSURE	45 PAU	UHBAC	SHU SHU	5
A7DINTERNAL PRESSURE		UHBB	ASHU	ΑΛΑΑΑΑΛΑΑ
A 10 DISCUNNECT, PRESSURE	45PAC	UHERA	UHBH	2
ATO DISCONNECT. RETURN	45PAC	инава	UHPB	2
ATO PUMP.PC2	456AD	UHBHC	UHBB	A
ATO EXTENSION UNIT, PRESSUPE	45PAR	UHBBD	UH3B	2
ATD EXTENSION UNIT, RETURN	45BAN	UHBBE	UHHB	2
A7D HOSE, PRESSURF	9945A	UHBBF	UHBB	2
A7D HOSE, RETURN	99450	UHBBG	UHEB	2
A7D SWIVEL.RETURN	456AV	UHBBH	UHB	2
ATE HYD. PUMP DR. GEAR & BRNC	2315W	N UHBRJ	UHAB	Λ
A7DELUID SUPPLY		UHBC	UHRB	AAAAAAAA
ATD VALVE . RESERVOIR RELIEF	45844	UHBCA	UHBC	2
A7D RESERVOIR	45846	UHBCB	UHEC	2
ATOSURGE DAMPING		UHBD	UHADZ	111111111
ATO ACCUMULATOR	45PAH	UHBDA	UHED	Δ
ATO SURGE DAMPING ATTENUATION	d	UHBDZ	UHB	111111111
ATOPNEUMATIC PRECHARGE		· UHBE	UHBU	AAAAAAAA
A70 VALVE PACKAGE	450 44	UHBEA	UHBE	1
ATO PREUMATIC PRECHARGE GAUG	E45CAB	UHBEB	DR	1
ATD VALVE, SYSTEM CHARGE	450AD	UHBEC	UHRE	A
ATDEXTERNAL PRESSURE		UHBE	UHINA	000000000
ATD DISCONNECT. PRESSURE	45FAJ	UHBFA	UHBF	5
ATD DISCONNECT, PETURN	45BAK	UHBEB	UHBF	5
A TUPUMP / FLUID COOLING		UHBG	UHRB	88888888
ATD DISCONNECT, BYPASS	45HAL	UHBGA	UHBC	2
ATD FILTER BYPASS	450AM	UHBGB	UH36	5
ATD EXTENSION UNIT, BYPASS	45HAS	UHBGC	UHSG	2
A70 HOSE, BYPASS	9945C	UHBGD	· UHRG	2
ATDPRESSURE SENSING DC-2		UHBH	DZFEZ	AAAAAAAA
ATO PRESSURE XMITTER	45PBA	ИНВНВ	UHBH	. A
ATTISYSTEM ISOLATION CONTROL		UHBJ	UHD	AAAAAAAA
ATD VALVE . I SOLATION	45BAL	UHBJA	WHAJ	4
ATDMANUAL PRESSURIZATION		UHRK	UMD	000000000
ATO HAND PUMP	45840	UHBKA	UHBK	4
ATDEMERGENCY ACCUMULATOR CHARG		UHBL	OZFEN	ΑΔΛΔΔΔΛΔΛ
A7D HYD PRESS		UHBL	FACD	40000000
ATD EMERG. ACCUM CHARGING		UHBL	GAL	A A A A A A A A
ATDEMERG ACCUM CHARGING		UHBL	LACC	AAAAAAAA

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123+55789012345678901234567890				
A7DEMERGENCY ACCUMULATOR CHARG		UHBL	UHCP	ΑΛΛΑΑΛΛΑ
ATT VALVE MANUAL SHUTOFF	45046	UHBL A	UHAL	A
A70VALVE, THERMAL RELIEF	13046	UHBLN	UHBL	9
		UHBLP	. OHRT	6
A7DVALVE, EMERGENCY PRESSUREDUM	13646	UHBLR	UHBL	9
A7DVALVE, PRECHARGE SHUTDEF	Tacabl		BACL	AAAAAAAA
ATOPC 3 HYD PRESS DIST	1	UHC	FCH	
ATUPC 3 HYD		UHC		UHB 11111111
A70PC3 HYDRAULICS DIST		UHC	FLOR	FAAAAAAAA
A7UPC3 HYD		ATHC	FDC	111111111
A 70PC 3 HYD	1	Auc	FF2	111111111
A7USYSTEM PRESSURE		UHCA	UHC	ΑΑΑΑΛΑΑΛ
A7DSYSTEM PRESSURE		UNCA	UHCC	FAAAAAAAA
A70 SYSTEM PRESSURE		UHEA	OHCO	FAAAAAAAAA
A7DSYSTEM PRESSURE		UHCA	UHCH	FAAAAAAAA
A70 FILTER MAIN PRESSURE	45CAF	UHCA	UIICA	O
ATH VALVE, SYSTEM PRESS RELIE		UHCAR	UHCA	5
A7D SWIVEL PRESSURE	45CAS	UHCAC	UHC	5
A70 SHIVEL RETURN	45CAT	UHCAD	THIC	5
ATDINTERNAL PRESSURE		UHCB /	UHCA	UHCJ 111111111
ATD DISCONNECT, PRESSURE	45CAD	UHCRA	UHCE	2
A70 PUMP.PC3	45CAE	инсвв /	UHCB	Α
A70 EXTENSION UNIT, PRESSURE	45CAN	UHCBC Y	инсв	?
A70 EXTENSION UNIT, RETURN	45CAP	UHCRD (UHLB	2
ATP DISCONNECT, RETURN	45CAU	UHCBE /	UHC B	2
A70 HOSE . PRESSURE	9945A	UHCBF	UHCB	5
470 HOSE PETURN	9945B	UHCBG	NHCB	2
ATO HYD. PUMP DR. GEAR & BRNG	231SW \		UHCB	Α
ATOFLUID SUPPLY		UHCC	UHCA	SAAAAAAAA
A7CFLUID SUPPLY		UHCC	UHCB	FAAAAAAAA
A7DFLUID SUPPLY		UHCC	UHCJ	FAAAAAAAAA
ATO RESERVOTE	45CAB	UHCCA	UHCC	5
A70 PESB. CONTROL INDICATOR	45CAC	UHCCB	DB	1
A 7DSURGE DAMPING		UHCD	UHCDZ	111111111
A7D ACCUMULATOR	45CAH	UHCDA	UHCD	A
ATDSURGE DAMPING ATTENUATION		UHCDZ	UHC	111111111
A TOPMEUMATIC PRECHARGE		UHCE	UHCD	ΑΛΑΛΑΛΑΛ
A70 VALVE PACKAGE	45[AA	UHCEA	UHCE	1
A7D PNEUMATIC PRECHARGE GAUG		UHCEB	DB	1
ATO VALVE SYSTEM CHARGE	45DAD	UHCEC	UHCE	A
A7DEXTERNAL PRESSURE		UHCF	UHCA	00000000
A 7D DISCONNECT . PRESSURE	45CAJ	UHCFA	UHCF	5
ATO DISCONNECT, RETURN	45CAK	UHCFB	UHCF	5
A TOPUMP COOLING		UHCG	UHC B	368888888
ATO FILTER, BYPASS	45CAL	UHCGA	UHCG	0
A 7D DISCONNECT, BYPASS	45CAM	UHCGB	UHCC	5
ATO EXTENSION UNIT, BYPASS	45CAU	UHCGC	UHCC	5
A7D HOSE, BYPASS	9945C	UHCGD	UHCC	5
A TOPRESSURE SENSING PC-3		UHCH	DZFEZ	ΑΑΑΛΛΑΑΑ
ATD TRANSMITTER PRESSURE	45CEA	инснв	UHCH	Α
A 7 DEMERGENCY PRESSURE		UHCJ	UHCA	UHCB AAAAAAAA

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A70 PUMP. HYDRAUL IC	91ACA	UHCJA	UHCJ	V V V V V V V V V V V V V V V V V V V
A72 SAIVEL	91ACB	UHCJB	UHCJ	5
A73 REGULATOR FLOW	91400	UHCJC	UHCJ	8
ATO FILTER	STACO	UHCJD	UHCJ	0
ATDEMERGENCY PUMP COOLING	TACO	UHCK	UHCJ	88888888
A76 DUMMY	9999K	UHCKA	UHCK	0
ATTEP DRIVE		UHCL	UAP	ΛΑΛΑΛΑΛΑ
ATREPP DRIVE		UHCL	UDR	AAAAAAAA
ATTEPP DRIVE		UHCL	UHCJ	AAAAAAAA
A7D TURBINE	CIAAA	UHCLA	UHCL	A
ATH SUPPORT ARM ASSY	91448	UHCLB	UHCL	A
ATTEPP EXTENSION/RETRACTION		UHCM	UHCL	AAAAAAAA
ATO VALVE SELECTOR	917FA	UHCMA	UHCM	5
ATO CYLINDER ASSY	SINFB	UHCMB	UHCM	5
AZO VALVE, RETRACT	91AFH	UHCMC	UHCM	Ó
ATO RELAY. EXTENSION K 13	SIAGA	UHCMO	UHCM	1
A70 SWITCH. DOOR	STAGE	UHCME	UHCM	i
A7D SWITCH, RETRACT	PIACE	UHCME	UHCM	ò
ATOEPP SELECT		UHCN	UHCM	AAAAAAAA
A70 HANDLE	9140A	UHCNA	UHCN	5
A70 PULLEY	91/06	UHCNB	UHCN	5
ATDACCUMULATOR PRESSURE		UHCP	UHCM K UHB	AAAAAAAA
ATD ACCUMULATOR PACKAGE	OLAFC	UHCPA	UHCP .	1
A7D ACCUMULATOR	STAFF	UHCPB	UHCP	Ā
A70 VALVE RELIEF	SIAFG	UHCPC	UHCP	5
A TOPFESSURE BACKUP		UHCQ	UHCJ	22222222
ATO VALVE-RESERVOIR RELIEF	45CAA	UHCDA	UHCC	5
A70 VALVE . SOLENOID SHUTUFF	45CAP	UHCOB	UHCO	1
A70PNEUMATIC PRECHARGE		UHCR	UHCQ	ΑΑΑΑΑΑΑΑ
ATU PNEUMATIC PRECHAPG GAUGE	450AB	UHCRB	DB	1
A7D VALVE.SYSTEM CHARGE	45DAD	UHCEC	UHCR	A
A70 VALVE PACKAGE	450AA	UHCRH	UHCR	1
A TOPNEUMATIC PRECHARGE		UHCS	UHCP .	ΑΛΑΑΛΑΑΑ
A70 VALVE.DUMP	91AFF	UHCSA .	UHCS	5
A70 VALVE, PRECHARGE	91AFD	UHCSH	UHCS	5
A7D PNEUMATIC PRECHARG GAUGE	45DAH	UHCSC	DB .	1
ATDACCUMULATOR WARM		UHCT	UHC P	111111111
A7D BLANKET	SIAFA	UHCTA	UHCT	Α
A7DISCLATED HYD PRESS		UHD	FACA	AAAAAAAA
ATD HYDRAULIC PC-Z POWER		UHD	GAAD	AAAAAAAA
ATO HYDRAULIC PC-Z POWER		UHD	GAFB	ΑΛΑΑΑΑΑΑ
ATD ISOLATED PC 2		UHD	GC	AAAAAAAA
A70		UHD	LACK	AAAAAAA
ATDISOLATED PC2 DISTRIBUTION		UHD	UHBL	A00000000
A7D RELAY, DC SEC	42BPK	UKJA	UDJ	٨
ATD TRESP. DC SEC	42FBK	UKLC	UDL	5

CARD COUNT IS 00003895. CARDS WITH ERRORS 00000000